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TITLE OF INVENTION: Family Of Maize PR-1 Genes And Promoters
FILE REFERENCE: 5718-22, 035718/175219
CURRENT APPLICATION NUMBER: US/09/257,583A
CURRENT FILING DATE: 1999-02-25
NUMBER OF SEQ ID NOS: 37
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Mismatches
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   ; NAME/KEY: CDS
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SOFTWARE: Patentin Ver.
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ORGANISM: Zea mays
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TITLE OF INVENTION: Family Of Maize PR-1 Genes And Promoters
FILE REFERENCE: 5718-32, 035718/775219
CURRENT APPLICATION NUMBER: US/09/257,583A
CURRENT FILING DATE: 1999-02-25
NUMBER OF SEQ ID NOS: 37
                                                                                                                           APPLICANT: Crane, Virginia TITLE OF INTENTION: Family of Maize PR-1 Genes And Promoters TITLE OF INTENTION: Family of Maize PR-1 Genes And Promoters File Reperbroch: 9.03718/475219 CURRENT APPLICATION NUMBER: US/05/257,583A CURRENT FILING DATE: 1999-02-25 WUMBER OF SEC 1D NOS: 37 SOFTWARE: Patentin Ver. 2.0
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Pred. No. 4.8e-14;
Sequence 14, Application US/09257583A Patent No. 6429362
                                                                                  : Sequence 6, Application US/09257583A
; Patent No. 6429362
; GENERAL INFORMATION:
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al Similarity 62.1%;
262; Conservative
 ) NAME/KEY; CDS
; LOCATION; (111)..(581)
US-09-257-583-6
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ORGANISM: Zea mays
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APPLICANT: DELLAPORTA, STEPHEN J.
IITLE OF INVENTION: MAIERIALS AND METHODS FOR PRODUCING
TITLE OF INVENTION: PLANTS WITH SINGLE-SEX FLOWERS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                          OTHER INFORMATION: The nucleotide at this position may be OTHER INFORMATION: or c.
                                                                                                                                                                                                                                                                       Length
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CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/440.856A
FILING DATE: 15-WAY-1995
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                   Score 121.8; DB 4;
pred. No. 3.3e-12;
0; Mismatches 157;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVE. N.W.
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/08440856A Patent No. 5750873
                                                                                                                                                                                                                                                                       19.98;
60.68;
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2.0
                                                                                                                                                                                                                                                               Ouery Match
Best Local Similarity 60.69
Matches 254; Conservative
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3978 AGGGGGGGC111GCGCCGGGGGCCCCCGGTCCTTCGTGGTCGCGGGTGGCCGTGGCCGTGCC 4037
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49.8%; Pred. No. 6.0055;
tive 0; Mismatches 256; Indels E
                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/945,283
                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
                                                                                                                                                                                    CLASSIFICATION: 424
ATTORNEY AGENT INFORMATION:
NAME: Ribando, Curtis P
REGISTRATION NUMBER: 2797
:ELECOMMUNICATION INFORMATION:
TELEPHONE: 309-685-4011 ext.513
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replace(7016, "g")
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EDNESS: double
                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                Length 1288;
                                                                                                                                                                                                                                                                                                                12.1%; Score 73.8; DB 1; Length 1 38.3%; Pred. No. 0.00017; ive 66; Mismatches 238; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Cheung, Andrew K.
APPLICANT: Cheung, Andrew K.
APPLICANT: Wesley, Ronald D.
TITLE OF INVENTION: Pseudorabies Virus Deletion Mutants
TITLE OF INVENTION: Involving The BPO and LLT Genes
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Curtis P. Ribando
STREET: 1815 No. 5352596th University Street
CITY: Peoria
                 NAME: MILLMAN, ROBERT A.
REGISTRATION NUMBER: 36,217
REGISTRATION NUMBER: 05,463-20001.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1517
TELEPAX: (202) 887-0763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 538 TGCGCCACGGGGGCCACGCTC 558
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                                                                                                                            TELEX: 706141
INFORMATION FOR SEG ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 1288 base pairs
ATTORNEY/AGENT INFORMATION:
NAME: MILLMAN, ROBERT A.
                                                                                                                                                                                                                                                                                                                Query Match 12.1%
Best Local Similarity 38.3%
Matches 192; Conservative
                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: both
                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                             US-08-440-856A-9
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US-07-945-283-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Ciaire M.
APPLICANT: VENSER, Ciaire M.
APPLICANT: VENTER, Ciaire M.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACIERIUM
TITLE OF INVENTION: TOBERCULOSIS
FILE REFERENCE: 24366220007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998.06-24
NUMBER OF SEQ 1D NOS: 2
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 4403765;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 57.2; DB 3; Length 4-
Pred, No. 0.00091;
0; Mismatches 243; Indels
                                                                  21844 CACCCCACTGCACCCCCACTAGTTCTGTAAC 21814
                                   558 CACGCTCTGCCTGTACAACCCGCACGGCAAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ) OTHER INFORMATION: "n" bases at various ) OTHER INFORMATION: represent a, t, c or US-09-103-840A-2
                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Mycobacterium tuberculosis
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                                                                                                                                                Sequence 2, Application US/09103840A Patent No. 6294328
                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, RODERT D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11.0%;
49.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: CDC 1551
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Matches 235; Conservative
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US-69-103-840A-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  318 GGGCGGGTGCGCGTTCGCGGACCTGGGGCCAGCCCTACGCCGCGAACCAGGGGTGGGC 377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   501
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GTGGCGCAACACCCGCCGAGGTCGGGTGCGCGCAGGCCAGCTGCGCCACGGCGCCACGCT 557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     139 GGCGCGGGCGCGCGTGACCAAGGCGCAGCGTGGCACCGGCAGCGGCAACGCGAACGCGACG 198
                                                                       APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
TITLE OF INVENTION: AND USSS THEREOF
FILE REFERENCE: 09404/A52001
CURRENT APPLICATION NUMBER: US/05/128,155
CURRENT APPLICATION NUMBER: US 60/054,650
EARLIER APPLICATION NUMBER: US 60/054,646
EARLIER APPLICATION NUMBER: US 60/054,646
EARLIER PILING DATE: 1997-08-04
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FASSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 152331;
                                                                                                                                                                                                  CGCAACACCCCCGAGGTCGGGTGCGCCAGGCCAGCTGCGCCACGG 547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 11.4%; Score 69.6; DB 3; Length 1 Best Local Similarity 47.7%; Pred. No. 0.00051; Matches 215; Conservative 0; Mismatches 235; Indels
                                                                                                                                                                                                                                                                             US-09-128-155-16/c
; Sequence 16, Application US/09128155
; Patent No. 6117654
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; LOCATION: (1)...(152331)
; OTHER INFORMATION: n = A,T,C or G
US-09-128-155-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (1)...(15233:
                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Pan, Yang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 16
LENGIH: 152331
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2; Gaps

12: Gaps

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1189736 CGTCGGCGGTGACGCGGGCGACAAGGCGGCCGGCGCGCGGGCCGGCGCGCGCAGCGAA 1189677
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                                                                                                                                                                                                                                                                                                                                                                                                480 CACGIACACGCAGGIGGIGFGGCGCAACACCGCCGAGGICGGGTGCGGGCAGGCCAGCTG 539
                                                                                                                                                                                                                                                          132 GCCGGGCGCGCGCGCGCGCGCTGACCAAGCGCGAGGGGGTGCCACCGGCAGCGGCAGCAAA 191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       308 AGCGGCGGCAGGGCGGGTGCGCGTTCGCGGACGTGGGGGCCAGCCCCTACGGCGCGAACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    368 AGGGGIGGGCGAGCTACCGCGCGCGCCCCGCCGAGGTG3TGGCGCTGTGGGIGGCGGAG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    540 CGCCACGGGCCCACGCTCACGCTCTGCCTGTACAACCCGCACGGCAACGTGCAG 594
                                                                                                                                                                                       Score 65.4; DB 3; Length 4411529;
Pred. No. 0.0018;
0: Mismatches 266; Indels 12;
CURRENT APPLICATION NUMBER: US/09/103,840A
CORRENT FILING DAIR: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARR: Patentin Ver. 2.1
SEQ 1D NO 1
LENGTH: 4411529
TYPE: DNA
CRGANISM: Mycobacterium tuberculosis
CRGANISM: Mycobacterium tuberculosis
US-09-103-840A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 11, Application US/08181271A
Patent No. 5614395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Meins, Jr., Frederick
Montoya, Alice
Moyer, Mary B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Payne, George B.
Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
Ward, Eric R.
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Goodman, Robert M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Alexander, Danny C.
Beck, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Neuhaus, Jean-Marc
                                                                                                                                                                                         10.78;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Harms, Christian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ryals, John A.
                                                                                                                                                                                     Query Match
Best Local Similarity 48.0
Matches 257; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-181-271A-11
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APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       394 CCCGCCGAGGTGGTGGCGCTGTGGCTGGCGGAGCGCGGTACTACACCCCACGCCAACAAC 453
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1217836 GTGACGGCGGCGCGCGCGC--------GCCGTCAAGGCGGTGACGGCGGGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                154 ACCAAGGCGCAGCAGGTGGCACCGGCAGCAGCAACGCGACGGCGACGAGTACCTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  214 GCGCCGCACAACCAGGCGCGCGCGCGCGTGGCCTCCCCTGCGGTGGAACGCGGGC
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                                                                                                                                                                                                                                                                                                                                                                                                              34 CIGCICCCGCGCCCAIGGCCACGCGIGCTIGCICCTCGCCACCCICCTCGCGCTCTGC
            GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: HWHIE, OWEN R.
APPLICANT: WHITE, OWEN R.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: TUBERCULOSIS
FILE REPERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT PILICANT DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PATENTIN VET. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Parent No. 6294326
GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
APPLICANT: VENTER, John C.
ATILLE OF INVENTION: TUBERCOLOSIS
FILE REFERENCE: 24366-20007.03
                                                                                                                                                                                                                                                                                                                                                                              13;
                                                                                                                                                                                                                                                                                                                                          10.8%; Score 66; DB 3; Length 4411529;
48.5%; Pred. No. 0.0014;
tive 0; Mismatches 255; Indels 13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GAGGICGGGTGCGCGCGCCGAGCTGCGCCCACGGGCCCCA 553
                                                                                                                                                                                                                                                                     ORGANISM: Mycobacterium tuberculosis
CTHER INFORMATION: H37RV
US-09-103-840A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/09:03840A Patent No. 6294328
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                                                                                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                     SEQ ID NO 1
LENGTH: 4411529
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US-09-103-840A-1/c
                                                                                                                                                                                                                                                                                                                                                                            252;
                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                              Matches
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TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF NUMBER OF SEQUENCES: 106 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Paterin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NAMER: US/08/181,271A
FILING DATE: 13-JAN-94
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     S-19825/P1/CGC 1727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRICE ATTON NUMBER: US C7/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA: 3007/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA: 8-MKR-1989
PRIOR APPLICATION DATA: 8-MKR-1988
FILING DATE: 8-MKR-1988
PRIOR APPLICATION DATA: 8-MKR-1988
PRIOR APPLICATION DATA: 8-MKR-1988
PRIOR APPLICATION DATA: 8-MKR-1993
PRIOR APPLICATION NUMBER: US 07/425,504
PRIOR DATE: 20-GCT 1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DAIN:
APPLICATION WOMBER:
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DAIN:
APPLICATION WINHER:
APPLICATION WINHER:
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 67/580 477
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 37/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 37/768,122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 67/580,431 FILING DATE: 7-5EP-1990 PRIOR APPLICATION NUMBER: US 07/368,672 FILING DATE: 20-JUN-1989
                                                                                                                                      ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US 07/329,018
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                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM SER WEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
APPLICANT: Williams, Shericca C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-1
IELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08
FILING DAIE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         : 696 base pairs nucleic acid
                                                                                                                                                                                                                               New York
                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                                                                  10532
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319 CCGCTAAGGCCGTCGAGATGTGGGGTCAATGAGAAACAGTATTAIGCCCACGACTCAAACA 378
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                                                                                                                                                                                                                                                                                                                                515 AGGICCGGIGCCCCAGGCCAGCIGCGCCACGGCCCCACGCTCACGCTCTCCCTGTACA 574
                                                                                                                                                                                                                                                     455 CGIGCGCCGCGCGCGCGCAGTGCGGCACGIACACGCAGGIGGIGTGGGCGCAACACACGCCG
                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Ward, Eric K.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
                                                                                                                                    ..
                                                                                               Length 696;
                                                                                                                                  95; indels
                                                                                                                                                                                                                                                                                                                                                                                                          575 ACCCGCACGGCAACGTGCAGGCCAGAGCCCTACTA 611
                                                                                                                                                                                                                                                                                                                                                                                                                                     499 ATCCTCCAGGTAATGTTATAGGCAAAAGCCCATACTA 535
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                                                                                            Query Match 10.5%; Score 65; DB 1; Best Local Similarity 56.2%; Pred. No. 0.0047; Matches 122; Conservative 0; Mismatches 99
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APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 06/093,301
FILING DATE: 16-JUL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/449,315
FILING DATE: 24-MAY-1995
CLASSIFICATION: 800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-449-315-11; Sequence 11, Application US/08445315; Parent No. 5650505; CENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Meins, Jr., Frederick
Montoya, Alice
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Stinson, Jeffrey R.
Uknes, Scott J.
Ward, Eric R.
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Goodman, Robert M.
Harms, Christian
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Beck, James J.
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Payne, George B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: CIBA-GEIGY CO
STREET: 7 Skyline Drive
CITY: Hawthorne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Moyer, Mary B.
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single
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              TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-181-271A-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: New York
CCUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
STRANDEDNESS:
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APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICATION NUMBER: US 07/937,197

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APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SCFTWARE: Patentin Release #1.6, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
FILING DATE: 10-MAY 1995
CLASSIFICATION DATA:
PRICE APPLICATION DATA:
APPLICATION WHERE: 08/181.271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: 08/093,301
FILING DATE: 16-JCL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 05/JC-1997
FILING DATE: 16-JCL-1993
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-PEC-1990
PRIOR APPLICATION NUMBER: US 07/632,441
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APPLICATION NUMBER: US 07/305,566 FILING DATE: 6-FEB-1989
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FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 07/425,504 FILING DATE: 20-OCT 1989
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                                                                                                                                                                                                                                                                           Goodman, Robert M.
Harms, Christian
Meins, Jr., Frederick
Montoya, Alice
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                                                                        Sequence 11, Application US/08444803
Patent No. 5654414
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
Ward, Eric R.
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Friedrich, Leslie B.
                                                                                                                                                      Ryais, John A.
Alexander, Danny C.
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Payne, George B.
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                                                                                                                                                                                                          Beck, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7 Skyline Drive
                                                                                                                                                                                                                                                                                                                                                                                Moyer, Mary B.
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Hawthorne
STAIE: New York
COUNIRY: USA
                                                                                                                            GENERAL INFORMATION:
APPLICANT: Ryals,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HEDIOM TYPE:
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                                                      US-08-444-803-11
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          439 GTGTTGGATGTGCTAGGGTTCAGTGTAACAATGGAGGATATATTGTCTCTTGCAACTATG 498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            319 CCGCTAAGGCCGICGAGAIGTGGGGTCAATGAGAAACAGTATIATGCCCACGACTCAAACA 378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                455 CGTGCGCCGCGGGGGGGCAGTGCGGCACGTACACGCAGGTGGTGTGGGGGCGCAACACGGCCG 514
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/PL/CGC 1727
IELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR PAPELLALION DATA
PRICATION NUMBER: US 07/768,122
PRIOR DATE: 27-SFP-1991
PRIOR PAPELCATION DATA
PPELICATION NUMBER: US 07/368,672
PRIOR PAPELCATION DATA:
APPLICATION NUMBER: US 07/368,672
PRIOR DATE: 20-UUN-1969
PRIOR PAPELCATION NUMBER: US 07/329,018
FILING DATE: 24-WAR-1969
PRIOR PAPELCATION NUMBER: US 07/329,018
FILING DATE: 24-WAR-1969
PRIOR DATE: 12-APR-1963
ATTORNEY/AGENT INFORMATION:
NAMELY/AGENT INFORMATION:
                                                                                                                                                                                           APPLICATION NUMBER: US 67/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/242,847
FILING DATE: 6-APR-1993
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-CCT 1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILIC DATE: 6-WAR-1992
PRIOR APPLICATION DATA:
                                                                      FILING DATE: 1-APR-1991
PRIOR APPLICATION DAIA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
FILING DAIE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
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REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGIH: 696 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 56.2
Matches 122; Conservative
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CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC DNA SEQUENCES AND USES THEREOF
                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-POS/MS.DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,543
FILING DATE: 24-MAY-1995
CLASSIFICATION: 600
PHIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19325/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US -8/093,361
FILING DATE: 16-JUL-1953
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 6-RAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 6-APR-1988
PRIOR APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1988
PRIOR APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION NUMBER: US 07/632,441
       TITLE OF INVENTION: CHEMICALLY REGULAY
TITLE OF INVENTION: DNA SEQUENCES AND
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GELGY COFPOIATION
STREET: 7 Skyline Drive
CITY: Hawthorne
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/016 057
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APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
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PRIOR APPLICATION NUMBER: US C7/368,672
FTIING DATE: 20-JUN-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILLING DATE: US 07/425,504 FILING DATE: 20-00T 1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           UMBER: US 07/768,122
27-SEP-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 03/045,957
FILING DAIE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
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21-DEC-1990
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APPLICATION NUMBER: US 67/580,431
FILING DATE: 7-SEP-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                           FILLING DATE: 13-JAN-94
APPLICATION NUMBER: US GRANDO "FILLING FAME"
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REGISTRATION NUMBER: 36,
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INFORMATION FOR SEQ ID NO:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: C
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                                                                                                                                                                   New York
                                                                                                                                                                                        USA
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                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       455 CGTGCGCCGCGGGGGGGCGCAGTGCGGACGTACACGCAGGTGGTGGGCGCAACACCGCCC 514
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             395 CCGCCGAGGTGGTGCCGCTGTGGGTGGCGGAGGGGCGGTACTACACCCACGCCAACAACA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 10.6%; Score 65; DB 1; Length 696; Best Local Similarity 56.2%; Pred. No. 6.0047; Matches 122; Conservative 0: Mismatches 95; Indels
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                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
APPLICATION NUMBER: US 37/768,122
FILING DATE: 27-5EP-1991
APPRICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-5EP-1990
RIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-7UN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/323,016
FILING DATE: 24-MAR-1399
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/345,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elimer, James Scott
REGISTRATION NUMBER: 36,129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Beck, James J.
Duesing, John H.
Friedrich, Leslie B.
Goodman, Robert M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Meins, Jr., Frederick
Montoya, Alice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ward, Eric R.
Williams, Shericca C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sperison, Christoph
Stinson, Jeffrey R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Alexander, Danny C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Neuhaus, Jean-Marc
Payne, George B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (919)541-8669
INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS:
LENGTH: 696 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Uknes, Scott J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : MOLECULE TYPE: CDNA
US-08-444-803-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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US-08-449-043-11
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT:
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Sequence 11, Application US/084554;6
Patent No. 2577200
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
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                                                                                                                                                                                                                                                                                                                                                             515 AGGICGGGTGCGCGAGGCCAGGIGCGCCACGGCGACGCTCACGCTCTGCCTGTACA 574
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Patent No. 5767369
GENERAL INFORMATION:
APPLICANT: Alexander, Danny C.
APPLICANT: Ryals, John A.
APPLICANT: Stinson, Robert M.
APPLICANT: Stinson, Befrey R.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-FATHOGENIC TITLE OF INVENTION: Day SEQUENCES AND USES THEREOF NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                 .
0
                                                                                                                         Length 696;
                                                                                                                                                               95; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,265A
FILING DATE: 31 MAY-95
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520 White Plains Road, P.O. Box 2005
                                                                                                                       Score 65: DB 1;
Pred. No. 0.0047;
C; Mismatches 99
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APPLICATION NUMBER: US 07/165,667 FILING DATE: 8-MAR-1988
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/181,271
FILING DATE: 13-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/693,301
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FILING DATE: 6-NOV-1592
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                       Query Match
Best Local Similarity 56.2%;
Matches 122; Conservative
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PRIOR APPLICATION DATA:
                         single
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TYPE: nucleic acid
                                       TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Tarrytown STATE: New York
                    STRANDEDNESS:
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US-09-456-255A-11
                                                                               US-08-449-043-11
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455 CGTGCGCCGCGGGGGGGCGCAGTGCGGCACGTACACGCAGGTGGTGGTGGCGCAACACCGCCG 514
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56.2%; Pred. No. 0.0047;
Live 6; Mismatches 95; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Meigs, J. Timothy
REGISTARTION NUMBER: 38.241
REFERENCE/DOCKET NUMBER: S-19825/PI/CGC 1727/DIV10
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           575 ACCCGCACGGCAACGIGCAGGGCCAGAGCCCCTACTA 611
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APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1969
FRIOR APPLICATION NUMBER: US 07/329,018
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1969
PRIOR APPLICATION NUMBER: US 08/345,957
APILICATION NUMBER: US 08/345,957
ATIORNEY/AGENT: NFORMATION:
                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PHIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 2C-OCT 1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/768,122 FILING DATE: 27-5EP-1991 PRION APPLICATION DATA: APPLICATION NUMBER: US 07/580,431 FILING DATE: 7-5EP-1990
             FILING DATE: 6-APR-1993
                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEÓ ID NO: 11:
SEQUENCE CHARACTERISTICS:
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(919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 696 base pairs
TYPE: nucleic acid
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Sest Local Similarity 56.24
Matches 122; Conservalive
PRIOR APPLICATION DATA: APPLICATION NUMBER: 1
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APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Uknes, Scott J.
APPLICANT: Uknes, Scott J.
APPLICANT: Williams, Shericca C.
CORRESPONDENCES AND USES THEREOF
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/455,416
FILING DATE: 31-MAY-1995
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-0EC-1990
PRICK APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-0CT 1989
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/648,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
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FILING DATE: 6-FEB-1969
PRIOR APPLICATION DATA:
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FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
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FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSIEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093;
FILING DATE: 16-JUL-1993
                                                                         Meins, Jr., Frederick
Montoya, Alice
Moyer, Mary B.
Friedrich, Leslie B.
Goodman, Robert M.
Harms, Christian
                                                                                                                                              Neuhaus, Jean-Marc
Payne, George B.
                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: CIBA-GEIGY CC
STREEI: 7 Skyline Drive
CITY: Hawthorne
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APPLICATION NUMBER: US (
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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                                                                                               APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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319 CCGCTAAGGCCGTCGAGATGTGGGTCAATGAGAACAGTATTATGCCCAACGAGTCAAACA 378
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    455 CGTGCGCCGCGGGGCGCCAGTGCGGCACGTACACGCAGGTGGTGGTGGCGCCAACACCCGCCG 514
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                                                                                                                                                                                                                                                                                                                                                                                                                               Length 696;
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Pred. No. 0.6047;
0; Mismatches 95; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            575 ACCCGCACGCCAACGTGCAGGCCAGAGCCCCTACTA 611
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REGIERNEL/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUTCATION INFORMATION:
TELEFHONE: (919)541-8614
TELEFAX: (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Search completed: October 17, 2003, 12:51:24
Job time : 56.7192 secs
                  APPLICATION NUMBER: US C8/045,557 FILING DATE: 12-APR-1993 ATTORNEY/AGENT INFORMATION: NAME: Bimer, James Scott
                                                                                                                                                                                                                       INFORMATION FOR SEÓ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                           Ouery Match
best Local Similarity 56.2%;
Matches 122; Conservative
                                                                                                                                                                                                                                                                   LENGTH: 696 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
PRIOR APPLICATION DATA:
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MOLECULE TYPE: CDNA
US-08-455-416-11
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October 17, 2003, 12:44:56; Search time 147.934 Seconds (without alignments) 10864.256 Million cell updates/sec
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2: /cgr2_6/Pt.odata/1/pubpna/US07_PtECOM5.seq:*
3: /cgr2_6/Pt.odata/1/pubpna/US07_PtECOM5.seq:*
3: /cgr2_6/Pt.odata/1/pubpna/US06_PyBCOM6.seq:*
3: /cgr2_6/Pt.odata/1/pubpna/US07_NEW_PUS.seq:*
3: /cgr2_6/Pt.odata/1/pubpna/US08_PyBCOM6.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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Maximum Match 150%
Listing first 45 summaries
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length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		Description		Sequence 3, Appli	Sequence 1, Appli	•	Sequence 774, App	Sequence 765, App	Sequence 6, Appli	Sequence 81, Appl	Sequence 14, Appl	Sequence 345, App	Sequence 85, Appl	Sequence 85, Appl	Sequence 173, App	Sequence 3, Appli	Sequence 23, Appl	Sequence 177, App	203,
SUMMARIES		2		US-09-832-320-3	US-09-832-320-1	US-09-840-479-12	US-10-259-165-774	US-10-259-165-765	US-09-840-479-6	US-10-078-929-81	US-09-840-479-14	US-10-259-165-345	US-10-259-165-85	US-10-078-529-85	US-10-259-165-173	US-10-068-347-3	US-10-259-165-23	US-10-259-165-177	US-10-259-165-203
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	Sequence 1, Appli Sequence 209, Ap Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 523, Ap Sequence 523, Ap Sequence 550, Ap Sequence 16, Appli Sequence 48, Appli Sequence 5, Appli Sequence 7, Appli Sequence 7, Appli	. es	100.0%; Score 612; DB 9; Length 612; ; Conservative 0; Mismatches 0; Indels 0; Gaps 0; ATGGCGCACTCGCCAGCCACCACCACCTCCTGCTCCCCGCCCCATGGCCACGGG 60
5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 US-10-068 347-1 2 US-10-154-657-1 4 US-10-156-761-2059 4 US-10-156-761-4606 10 US-09-938-842A-1676 4 US-10-156-761-237 4 US-10-156-761-237 1 US-10-156-761-237 3 US-10-055-407-16 3 US-10-055-407-16 3 US-10-055-3529-48 3 US-10-053-3529-48 3 US-10-053-3529-48 3 US-10-053-3529-48 3 US-10-053-3529-48 3 US-10-053-3529-48 3 US-10-053-3529-48 3 US-10-053-3529-48 3 US-10-053-3529-48 3 US-10-053-3529-48 3 US-10-053-3529-48	sted nods o	%; Score 612; DB 9; %; Pred. No. 5.5e-117 0; Mismatches 0; CCACCACCACCACCTCTCTCTCTCTCTCTCTCTCTCTCT
	12.8 664 12.0 13.668 12.0 13.663 11.0 0.02516 11.4 4.92446 11.4 4.92446 11.1 2.261 11.1 2.261 11.1 1.2561 11.1 1.2561 11.0 154746 11.0 154	Pication CS/09 D010049834A1 ATION: ATION: D6010549834A1 ATION: D6010549834A1 ATION: D601054 ATIO	Similarity 100.01 12; Conservative 14 TGGCGCACTCGCGCAGG
5432::00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	FESULY I US-59-832-320-3 Sequence 3, Application US/09632320 Sequence 3, Application US/09632320 Sequence 3, Application US/09632320 GENERAL INFORMATION: APPLICANT: Crane, Edmund H. APPLICANT: Crane, Virginia C. TILLE OF INVENTION: Maize Pathogenesis-Rela TILLE OF INVENTION: Polyouclectide and Mer TILLE FEFRENCE: 3578/2912 CORRENT FILING DATE: 2000-04-10 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 3 SEX ID NO 3 SEQ ID NO 3 SEX ID NO 3 SEQ ID NO 3	Ouery Match Best Local Sim Matches 612; Cy 1 ATC
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                                                                                      301 GCGCAGCAGCGGCGGCAGGCGGGTGCGCTTCGCGGACGTGGGGGGCCAGCCCCTACGGC
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APPLICATE: Crane, Virginia
FILE OF INVENTION: Family Of Maize PR-1 Genes And Promotors
FILE REPERBENCE: 5718-32, 035718/175219
CURRENT APPLICATION NUMBER: US/39/840,479
CURRENT FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 09/257,583
PRIOR APPLICATION NUMBER: 09/255
PRIOR FILING DATE: 1999-02-25
SOFTWARE: Patentin Ver. 2.0
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0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         : Sequence 12, Application US/09840479; Patent No. US20010025380A1; GENERAL INFORMATION:
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US-09-840-479-12
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Matches 258; Conserv
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LENGTH: 749
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APPLICANT: Crane, Edmund H.
APPLICANT: Crane, Virginia C.
TITLE OF INVENTION: Maize Pathogenesis-Related
TITLE OF INVENTION: Polynucleotide and Methods of Jse
FILE REFERENCE: 35718/214/29.
CURRENT APPLICATION NUMBER: US/09/832,320
CURRENT FILING DATE: 2001-04-10
FRIOR FILING DATE: 2000-04-10
NUMBER OF SEQ ID NOS: 3
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US-09-832-320-1
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Best Local Similarity
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ORGANISM: Zea mays
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APPLICANT: Katagiri, Funiyaki
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APPLICANT: Kreps, Joel
APPLICANT: Moughamer. Todd
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
APPLICANT: Ricke, Darrel
TITLE OF INVENTION: GENES THAT ARE MODULATED BY POSTTRANSCRIPT:ONAL GENE SILENCIN
FULK REPERENCE: 70030-NP
CURRENT FILING DATE: 2002-09-26
PRIOR APPLICATION NUMBER: US 60/370,620
PRIOR APPLICATION NUMBER: US 60/368,327
PRIOR APPLICATION NUMBER: US 60/368,327
PRIOR APPLICATION NUMBER: US 60/355,277
PRIOR APPLICATION NUMBER: US 60/325,277
PRIOR PRIJANG DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 782
SOFTMARE: Patenclist.Pl Version 3.0.4 (C) 2001 Syngenta
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                                                                                                                     342 CCACCTGAGCAGCAACACCTGCGACCCCGGCAAGGTGTGCGGCCACTACACGCAGGTGGT 461
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                                                                                    555 GCTCACGCTCTGCCTGTACAACCCGCAACGCCAACGTGCAGGGCCAGAGCCCCTAC 609
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Pred. No. 4.4e-19;
                                                                                                                                                                                                                                                                                                                                      : Sequence 765, Application US/10259165
: Publication No. US20030135868A1
: GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21.9%;
60.9%;
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Cooper, Bret
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Goff, Stephen A.
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Chang, Hur-song
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APPLICANT: Wang, Xur
APPLICANT: Chang, Hi
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US-10-259-165-765
                                                                                                                                                                                                                                                                                                                     US-10-259-165-765/c
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Matches 254;
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APPLICANT:
APPLICANT:
APPLICANT:
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                                 TGTGGCGCAACACCGCCGAGGTCGGGTGCGCGCAGGCCAGCTGCG----CCACGGGCGCCA 553
                                                                                                                                                                                                                                  6; Gaps
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Pred. No. 1.7e-19;
0; Mismatches 192;
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Publication No. US20030135688A1
GENERAL INFORMATION:
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58.3%;
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Katagiri, Fumiyaki
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Provart, Nicholas
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Briggs, Steven P.
Cooper, Bret
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Best Local Similarity 58.3
Matches 277; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                    Wang, Xun
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Zhu, Tonq
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US-10-259-165-774
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256 CIGCGGIGGAACGCGGGCCIGGCTICGCGGGCCGCGGGGACGGIGGCGCACAGCGGCGG 315
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            246 GACTGCCGCTGGTGCACTCGGGC---GGGCCGTTCGGCGACACCATCTTCTGGGGCTCC 302
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                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Nucleic Acid Fragments Encoding Proteins Involved in IITLE OF INVENTION: Stress Response FILE REFERENCE: BB1357 US NA CHARLE REFERENCE: BB1357 US NA CHARLENT APPLICATION NUMBER: US/10/078,529 CURRENT FILING DATE: 2002-02-19
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30
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Pred. No. 1.2e-16;
0; Mismatches 157;
                                                                                                                                                                                                                                                                                                                                                                CJRRENT FILING DATE: 2002 '02-19
PRIOR APPLICATION NUMBER: 69/566,394
PRIOR FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: 66/133038
PRIOR PETING DATE: 1999-05-07
PRIOR FILING DATE: 1999-05-07
PRIOR FILING DATE: 1999-05-07
PRIOR FILING DATE: 1999-05-11
PRIOR PELICATION NUMBER: 60/13342
PRIOR FILING DATE: 1999-05-11
PRIOR PELICATION NUMBER: 60/13343
PRIOR PELICATION NUMBER: 60/13343
PRIOR PELICATION NUMBER: 60/13343
PRIOR APPLICATION NUMBER: 60/13343
PRIOR PELING DATE: 1999-05-11
PRIOR FILING DATE: 1999-05-11
                                         Sequence 81, Application US/10078929
Publication No. US20020152497A1
GENERAL INFORMATION:
                                                                                                                       Miao, Guo-Hua
Falco, Saverio Carl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19.98;
                                                                                                                                                                             Famodu, Omolayo O.
Odell, Joan I.
                                                                                                                                                                                                                  APPLICANT: Meyers, Blake
APPLICANT: Thorpe, Catherine
APPLICANT: Weng, Zude
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SOFTWARE: Microsoft Office 97
SEQ ID NO 81
:ENGTH: 783
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Best Local Similarity 60.65
Matches 254; Conservative
                                                                                                     APPLICANT: Rafalski, Antoni
                                                                                                                                                            Sakai, Hajime
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: LOCATION: (760)
US-10-078-929-81
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APPLICANT:
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                                                                                                   TGGTGTGGCGCAACACCGCCGAGGTCGGGTGCGCGAGGCCAAGCTGCGCCAAGGGC---G 550
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                                                                                                                                                  GS-09-840-479-6
Sequence 6, Application US/09846479
Sequence 6, Application US/09846479
Sequence 6, Application US/09846479
Sequence 6, Application US/09846479
SEGUENERAL INFORMATION:
TILE CE INVENTION: Family Of Maize PR-1 Genes And Premoters
FILE REFERENCE: 5718-32, O55718/175219
CURRENT FILING DATE: 2001-04-23
FRIOR APPLICATION NUMBER: 09/257,583
PRIOR APPLICATION NUMBER: 09/257,583
PRIOR APPLICATION NUMBER: 09/257,583
SEGUENCE: PRIOR DATE: 1999-02-25
NUMBER OF SEQ ID NOS: 37
SEQ ID NO 6
SEQ ID NO 6
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 866;
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62.1%; Pred. No. 5.3e-19;
iive U: Mismatches 153;
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Best Local Similarity 62.1
Matches 262; Conservative
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LOCATION: (111)..(581)

CS-09-840-479-6
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AG 565
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US-10-259-165-345
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 261 GACIGCCGGCTGCACTCGGGC---GGGCCGTTCGCGCAGAGCATCTTCTGGGGGTCG 337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      377
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4%6 CTGTGGCGCA--ACACCGCCGAGGTCGGGTGCGCGCAGGTGCCAGCTGCGC---CACGGGCG 550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                483 GCGTCTTCATCGTCTGCACCTACGACCCCCGGGCAACGTCAACGGCCAGCGCCCGTTC 541
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            551 CCACGCTCACGCTCTGCCTGTACAACCCGCACGGCAACGTGCAGGGCCAGAGGCCCTAC 609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         551 CCACGCTCACGCTCTGCCTGTACAACCCGCACGCCAACGTGCAGGGCCCAGAGCCCTAC 609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     201 Greecerescanderrescanderacionada en acadecande actual en contra en actual en actua
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                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Crane, Virginia
TILLE CARIO: Crane, Virginia
TILLE CE INVENTION: Family of Maize PR-1 Genes And Promoters
FILE REFERENCE: 5718-32, 035718/75219
CURRENT APPLICATION UNMER: US/69/840,479
CURRENT FILING DAIE: 2601-04-23
PRIOR APPLICATION NUMBER: 09/257,563
PRIOR FILING DAIE: 199-02-25
NUMBER OF SEO ID NOS: 37
SOFTWARE: PALENTIN VGT. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 121.8; D8 9; Length
Pred. No. 1.2e-16;
0; Mismatches 157; Indels
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US-10-259-165-345
US-10-259-165-345
Sequence 345, Application US/10259165
Publication No. US20030135888A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                Sequence 14, Application US/09840479 Patent No. US20010025380A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19.9%;
60.6%;
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LOCATION: (42)..(686)
NAME/KEY: unsure
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Similarity
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                                                                                                                                                                                                                                       RESULT 8
US-09-840-479-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-840-479-14
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Best Local 3
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BY POSTIRANSCRIPTIONAL GENE SILENCI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             426 GGGGCGGTACTACACCCACGCCAACACACGTGCGCCGCGGGGGCGCGCAGTGCGGCACGTA 485
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     486 CACGCAGGIGGIGIGGCCCAACACCGCCGAGGICGGGTGCGCGCAGGCCAGGTGCGCCAC 545
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             438 GAACCGCGGCGTGTTCATCACCTGCAACTACGACCCCCGGGGAACTTCAACGGCGAGCG 457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 306 GCAGCGCCGCAGGCCGCTCCGCGCACGTGGGGGCCCACCCCTACGGCGCGAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     201 GCGCGCCGGCGACTGCCGGCTGCAGCACTCCGGCGGGCCGTACGGCGAGACATCTI---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 546 G---GGCGCCACGCTCACGCTCTGCCTGTACAACCCGCACGCAACGTGCAGGGCCAGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Chang, Hurr song
APPLICANT: Change, Hurr song
APPLICANT: Cooper, Bret
APPLICANT: Glazebrook, Jane
APPLICANT: Glazebrook, Jane
APPLICANT: Glazebrook, Jane
APPLICANT: Katagiri, Fumiyaki
APPLICANT: Kreps, Joel
APPLICANT: Moudhamer, Todd
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
APPLICANT: PREK, Darrell
TITLE OF INVENTION: GENES THAT ARE MODULATED BY PCSTTRANSCR: FILE REFERENCE: 70030-NP
CURRENT APPLICATION NUMBER: US/02/05/06
PRIOR PPLING DATE: 2002-09-26
PRIOR PLING DATE: 2002-09-37
PRIOR PLLING DATE: 2002-03-27
PRIOR PLLING DATE: 2001-09-26
NUMBER OF SED ID NOS: TS
STORTH FILING DATE: 2001-09-26
NUMBER OF SED ID NOS: TS
STORTH FILING DATE: 2001-09-26
NUMBER OF SED ID NOS: TS
STORTH FILING DATE: 2001-09-26
NUMBER OF SED ID NOS: TS
STORTH FILING DATE: 2001-09-26
NUMBER OF SED ID NOS: TS
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STORTH FILING DATE: 2001-09-26
NUMBER OF SED ID NOS: TS
STORTH FILING DATE: 2001-09-26
NUMBER OF SED ID NOS: TS
STORTH FILING DATE: 2001-09-26
NUMBER OF SED ID NOS: TS
STORTH FILING DATE: 2001-09-26
NUMBER OF SED ID NOS: TS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches 211; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19.2%; Score 117.4; DB 12; 55.4%; Pred. No. 1e-15;
                      Chang, Hur-song
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  270; Conservative
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ORGANISM: Oryza sativa
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Wang, Xun
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US-10-259-165-85

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APPLICANT: Gdel., Joan T.
APPLICANT: Gdel., Joan T.
APPLICANT: Meyers, Blake
APPLICANT: Meyers, Blake
APPLICANT: Thorpe, Catherine
APPLICANT: Thorpe, Catherine
APPLICANT: Thorpe, Catherine
APPLICANT: Weng, 2ade
TITLE OF INVENTION: Stress Response
CURRENT FILING DATE: 2002-02-19
FRIDS PRIOR APPLICATION NUMBER: US/10/078,929
CURRENT FILING DATE: 2002-02-19
FRIDS APPLICATION NUMBER: 60/13338
FRIDS APPLICATION NUMBER: 60/13338
FRIOR FILING DATE: 1999-05-07
FRIOR FILING DATE: 1999-05-07
FRIOR FILING DATE: 1999-05-11
FRIOR APPLICATION NUMBER: 60/133438
FRIOR FILING DATE: 1999-05-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GCAGCGGCGCCAGGCGGGGTGCGCGTTCGCGGACGTGGGGGCCAGCCCCTACGGGGGAA 365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          126 CCTCATGCCGGGCGCGCGCGGGGGGGGTGACCAAGGCGCAGGAGGGTGGCACCGGCAGCGG
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Pred. No. 9.5e-15;
0; Mismatches 211;
                                                                        Sequence 85, Application US/10078929
Publication No. US20020152497A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0:
                                                                                                                                                                          Miac, Guo-Hua
Falco, Saverio Carl
Sakai, Hajime
Famodu, Omolayo O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match
Best Local Similarity 55.4%;
Matches 270; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 208
SOFTWARE: Microsoft Office 97
                                                                                                                                                   APPLICANT: Rafalski, Antoni
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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APPLICANT:
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APPLICANT: Moughamer, Todd
APPLICANT: Moughamer, Todd
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
APPLICANT: Darrell
FILE DE INVENTION: GENES THAT ARE MODULATED BY POSTTRANSCRIPTIONAL GENE SILENCING
FILE REFERENCE: 70030-NP
CURRENT APPLICATION NUMBER: US/10/259,165
CURRENT FILING DATE: 2002-09-26
PRIOR FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: US 60/368,327
PRIOR APPLICATION NUMBER: US 60/325,277
PRIOR PELING DATE: 2001-09-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               437
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Pred. No. 1e-15;
0; Mismatches 211; Indels 6;
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Sequence 85, Application US/10259165 Publication No. US20030135888A1
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Best Local Similarity 55.4%;
Matches 270; Conscrvative (
                                                                                                                                                                                            APPLICANT: Glazebrook, Jane
APPLICANT: Goff, Stephen A.
APPLICANT: Katagiri, Fumiyaki
                                                                                                                                              Briggs, Steven P.
Cooper, Bret
                                                                                                                        Chang, Hur-song
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                                                                                                                                                                                                                                                                    Kreps, Joel
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US-10-259-165-85
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                                                                                            Wang, Xun
                                                                        APPLICANT: 2hu, Tong
                                               GENERAL INFORMATION
                                                                                                                        APPLICANT:
APPLICANT:
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                                318 GAAGAAGAACTACCACTACGACACCAACAACGAGGGGAGGGGGGAAGGTGTGGGGCCACTA 377
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                                                                                 546 G---GGCGCCACGCTCACGCTCTGCCTGTACAACCCGCACGGCAACGTGCAGGGCCAGAG
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APPLICANT: Simmons, Carl
APPLICANT: Acevedo, Pedro
APPLICANT: Acevedo, Pedro
APPLICANT: Acevedo, Pedro
APPLICANT: Cane, Virginia
TITLE OF INVENTION: Maize FRI Polynucleotides and Methods of Use
TILE REPERENCE: 35718/244798 (5718-151)
CURRENT APPLICATION UNMBER: US/10/068,347
CURRENT FILING DATE: 2002-02-06
PRIOR FILING DATE: 2001-02-07
NUMBER OF SEQ ID NOS: 12
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Pred. No. 1.8c-15;
0; Mismatches 160; Indels
                                                                                                                                                                                                                                                                                                           : Sequence 3, Application US/10068347; Publication No. US20020166146A1; GENERAL INFORMATION:
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Bost Local Similarity 59.6%;
Matches 254; Conservative
                                                                                                                                                                                            603 CCCCTAC 609
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/ LOCATION: (56)..(571)
US-10-068-347-3
                                                                                                                                                                                                                           498 CCCGTTC 504
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ORGANISM: Zea mays
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APPLICANT: Griff, Stephen A.
APPLICANT: Katagiri, Fumiyaki
APPLICANT: Katagiri, Fumiyaki
APPLICANT: Katagiri, Fumiyaki
APPLICANT: Moughamer, Joed
APPLICANT: Moughamer, Todd
APPLICANT: Moughamer, Todd
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
APPLICANT: Moughamer, Todd
APPLICANT: Moughamer, Todd
APPLICANT: No Nomen: Table BY POSTTRANSCRIPTIONAL GENE SILENCING
FILE REPERENCE: 70030-NP
FILE REPERENCE: 2002-05-26-26
CURRENT APPLICATION NUMBER: US 60/370,620
PRIOR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2001-09-26
PRIOR FILING DATE: 2001-09-26
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                                                                                                186 CAGCAACGCGACGGCGGACGAGTACCTGGCGCCGCACAACCAGGCGCGCGGGGGGGTGGG 245
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                                                                          546 G---GGCGCCACGCTCACGCTCTGCCTGTACAACCCGCACGGCAACGTGCAGGGCCAAAG
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                                                                                                                                                                                                                                                      : Sequence 173, Application US/1259165
: Publication No. US20030135888A1
; GENERAL INFORMATION:
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Chang, Hur-song
Briggs, Steven P.
Cooper, Bret
Glazebrook, Jane
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Best Local Similarity 55.44
Matches 270; Conservative
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US-10-259-165-173
                                                                                                                                           603 CCCCTAC 609
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APPLICANT:
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IITLE OF INVENTION: GENES THAT ARE MODULATED BY POSTTRANSCRIPTIONAL GENE SILENCIN
FILE REFERENCE: 70030-NP
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Pred. No. 3.4e-14;
0; Mismatches 165;
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CURRENT FILING DATE: 2002-09-26
PRIOR APPLICATION NUMBER: US 60/370,620
PRIOR FILING DAIE: 2002-04-04
PRIOR PRILICATION NUMBER: CS 60/368,327
PRIOR PRILOR DAIE: 2002-03-27
PRIOR PRILOR DATE: 2001-09-26
                                                                                                                                                                                                                                                                                                                                                 Sequence 177, Application US/10259165
Publication No. US20030135888A1
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58.6%;
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Provart, Nicholas
Ricke, Darrell
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Goff, Stephen A.
Katagiri, Fumiyaki
Kreps, Joel
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Cooper, Bret
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Chang, Hur-song
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Best Local Similarity 58.6
Matches 251; Conservative
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; ORGANISM: Oryza sativa
US-10-259*165-177
                                             505 CCIACTAG 612
                                                                                                                              491 CCTACTAG 498
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APPLICANT: Zhu, Tong
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APPLICANT:
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506 GCCGGCCTCTTCATCATCTGCAACTATTACCCGGCGGGCAACGTGATTGGACAGGCCCT 565
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APPLICANT: Macaguill, Fulliyari
APPLICANT: Moughamer, Todd
APPLICANT: Moughamer, Todd
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
APPLICANT: Ricke, Darrell
TITLE OF INVENTION: GENES THAT ARE MODULATED BY POSTTRANSCR;
FILE KREPERNOE: 70630 W
CURRENT PAPLICATION NUMBER: US 60/370,620
PRIOR APPLICATION NUMBER: US 60/370,620
PRIOR APPLICATION NUMBER: US 60/370,620
PRIOR APPLICATION NUMBER: US 60/368,327
PRIOR FILING DATE: 2002-03-27
PRIOR PLIANG DATE: 2002-03-27
PRIOR FILING DATE: 2001-09-26
NUMBER OF SEO ID NOS: 782
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Publication No. US20030135888A1
GFNERAL IMPRMATICN:
APPLICANT: Zhu, Tong
APPLICANT: Wang, Xun
APPLICANT: Chang, Hur-song
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Goff, Stephen A.
Katagiri, Fumiyaki
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Briggs, Steven P.
Cooper, Bret
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US-10-259-165-23
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\(\cgn2_6/\text{Ftcdata}/2/\text{ina/PeTIG.COMB.seq:*}\)
\(\cgn2_6/\text{Ftcdata}/2/\text{ina/PackfilesI.seq:*}\)
GenCore version 5.1.6
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US-09-103-846A-1
US-08-181-271A-1
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A C C C C C C C C C C C C C C C C C C C	SSULT 1 S-09-257-583-12 Sequence 12, Application US/09257583A Patent No. 40-2936 SEQUENCE 11. PROBMATION: APPLICANT: Crane, Virginia TILEO TINDENION: Family Of Maize PR- FILE REFERENCE: 5718-32, 035718,715219 CURRENT APPLICATION NUMBER: US/09/257,5 CURRENT FILING DATE: 1999-C2-25 SUFTWARE: Patentin Ver. 2.6 SEQ ID NO 12 SENGTH: 749 TYPH: DNA ORGANISM: Zea mays PEATURE: NAMENER:	Scc Pre 0;	CCCCG - ACCCG	TGGCT : TGGC
444444444444	s/09 s/09 y of iR: 0357 - 62-	15.5%; 61.6%; :ve	CTGG 37GG	GGCC ACCG
12001 1085 43280 43280 771 771 771 771 771 771 771 771 771 77	ULT 1 09-257-583-12 atence 12, Application Unatent No. 6429362 ENERAL INFORMATION: APPLICANT: Crane, Virginis TILLE OF INVENION: Famil FILE REFERENCE: 5718-32, CURRENT APPLICATION NUMBE: CURRENT APPLICATION OF: 37 SOFTWARE: PLING DATE: 1999 TYPE: DNA ORGANISM: Zea mays LEATURE: NAME/KEY: CDS LCCATION: (92)(583)	vat	AGTAC ACTAC	ACGOG CGAC
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©	583-7. 12, 40, 64, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	at.ch :al S 258	259	319
- 000-01-01-01-01-01-01-01-01-01-01-01-01-	SULT 1 -09-257-583-12 Sequence 12, Application of	Query Match Best Local Matches 25		
N N लिलिकाता ताला लाला लाला चाचचचचचच	SESULT 1 US-09-257-583 SEG:COC 12 PATENT NO. BAPE:ICANT: TILLE OT. FILE REFER CURRENT FI.	Cuc Bes Mat	ž qa	67 Pb
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SOFTWARE: Patentin Ver.
SEC ID NO 14
LENGTH: 806
                                                                                          NAME/KEY: CDS
LOCATION: (42)..(686)
                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                               TYPE: DNA
OKGANISM: Zea mays
                                                                                                                                     NAME/KEY: unsure
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                                                                                                                        FEATURE:
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7.
                                                                                                                                                                                                                                                                                                                                                                              Length 856;
                                                                                    Sequence 6, Application US/U9257583A
Patent No. 6419362
GENERAL THY PRAMATION:
APPLICANT: Crane, Virginia
TITLE OF INVENTION: Family OF Maize PR-1 Genes And Promoters
FILE REPERENCE: 5718-32, 035718/175219
CURRENT APPLICATION NUMBER: US/U9/257,583A
CURRENT APPLICATION ST. 1999-02-25
SOFTWARE: PALENTIN VET. 2.0
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GENERAL INFORMATION:
APPLICANT: Crare, Virginia
APLICANT: Crare, Virginia
TITLE OF INVENTION: Fall, 035718/175219
CURRENT APPLICATION NUMBER: US/09/257,583A
CURRENT FILING DATE: 1999-02-25
NUMBER OF SEQ ID NOS: 37
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Pred. No. 4.3e-16;
0; Mismatches 154;
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                                                                                                                                                                                                                                                                                                                                                                         15.3%;
                                                                                                                                                                                                                                                                                                                                                                                                       257; Conservative
                                                                                                                                                                                                                                                                                                              ) NAME/KEY: CDS
; LOCATION: (111)..(581)
US-09-257-583-6
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                                                                                                                                                                                                                                                                                ORGANISM: Sea mays
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                                                                                                                                                                                                                                                     LENGTH: 866
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                                                                                                                                                                                                                                                                       TYPE: DNA
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318 CIGCGGTGGAACGCGGGCCTGGCTTCGGCGGCCGCGGGGACGGTGCCGCAGCAGCGGCGG 377
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CHER INFORMATION: The nucleotide at this position may be CHER THORMATION: OF C. 78-09-257-583-14
                                                                                                                                        Indels
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APPLICANT: DELLAPORTA, STEPHEN L.
TITLE OF INVENTION: MATERIALS AND METHODS FOR PRODUCING
TITLE OF INVENTION: PLANTS WITH SINGLE-SEX FLOWERS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
CORPATING SYSTEM: PC.505/MS.DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/06/440,656A
FILLING DATE: 15-MAY-1995
CLASSIFICATION: 800
                                                                                         Score 121.8; DB 4;
Pred. No. 2.5e-13;
0; Mismatches 157;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVE. N.W.
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 9, Application US/08440856A; Patent No. 5750873
                                                                                         13.5%;
                                                                                                                                        Matches 254; Conservative
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327 AACGCGGCCTGGCTTCGGCGGCCGCGGGGACGGTGGCGCAGCAGCGGCGGCGGCGGG 386
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                 COMPUTER READABLE FORM:
MEDIUM TYPE: F.ORM:
MEDIUM TYPE: F.ORPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Rolease #1.0, Version #1.25
CURRENT APPLICATION DAIA:
APPLICATION NUMBER: US/07/945,283
FILING DATE: 19920911
                                                                                                                                                                                                  ATTORNAY INFORMATION:
NAME: Ribando, Curtis P
REGISTRATION NUMBER: 27976
TELECOMMUNICATION INFORMATION:
TELEPHONE: 309-685-401: ext.513
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replace(7010, "g")
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MOLECULE TYPE: DNA (genomic)
HYPOTHELICAL: NO
ANTI-SPARCE
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SEQUENCE CHARACTERISTICS:
LENGTH: 8438 base pairs
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TELEPHONE: 309-000
TELEPHONE: 309-685-4128
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622..6495
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                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                            TYPE: NUCLEIC STRANDEDNESS:
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US-07-945-283-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  240 GGCAGCGGCAGCAACGCGACGGGGGGAGTACCTGSCGCCGCACAAACCAGGCGCSCGCG 299
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           348 GACATCGACGACGESGCGCGSGAGGCGCTGGCGKCGCCGCTGGGSCCGCASGTCRGSITC 407
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  468 CGCSRYGRCGGSCGSCTSGACGTSYWSTGCAACAACSCCGGGGTGCTGGGCCGCCAAACG 527
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                                                                                                                                                                                                                                                                                                                       Length 1288;
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Patent No. 5352596
GENERAL INFORMATION:
APPLICANT: Meesley, Ronald D.
TILLE OF INVENTION: Pseudorabies Virus Deletion Mutants
TILLE OF INVENTION: Pseudorabies Virus Deletion Mutants
TILLE OF INVENTION: Involving The EPO and LLI Genes
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: COTTIS P. Ribando
STREET: 1815 No. 5352596th University Street
                                                                                                                                                                                                                                                                                                                                                          Indeis
                                                                                                                                                                                                                                                                                                                   Ouery Match 8.2%; Score 73.8; DB ::
Best Local Similarity 38.3%; Pred. No. 6.4e-05;
Matches 192; Conservative 66; Mismatches 238;
                 REGISTRAIN, RCBERT A
REGISTRAINON NUMBER: 36.27
REFERENCE/OCCKFT NUMBER: 05463-20001.0C
TELEPHONE: (202) 887-157
TELEPHONE: (202) 887-157
TELEPHONE: (202) 887-0763
TELER: 706141
INFORMATION FOR SEQ ID NO: 9:
ENGURENCE CHARACTERISTICS:
LENGTH: 1288 base pairs
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: both
                                                                                                                                                                                                                                                             MOLECULE TYPE: CDNA
US-08-440-856A-9
                                                                                                                                                                                                                                               linear
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                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: FLEISCHAMN, REDERL D.
APPLICANT: FLEISCHAMN, REDERL D.
APPLICANT: FRANER, Clair M.
APPLICANT: FRANER, Clair M.
APPLICANT: FRANER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
TITLE OF INVENTION: TURRECULOSIS
FILE REFERENCE: 24366-20007.00
CONRENT PAILNE DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 7.5%: Score 67.2; DB 3; Length 4403765; Best Local Similarity 49.6%; Pred. No. 0.002; Matches 235; Conservative 0; Mismatches 243; Indels 2;
                                                       21844 CACCCACTGCACCCCACTAGITCTGIAAC 21814
                                  620 CACGCTCTGCCTGTACAACCCGGACGGCAAC 650
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t, c or
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
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US-09-103-840A-1
; Sequence 1, Application US/09103840A
                                                                                                                                          ; Sequence 2, Application US/0910384UA ; Patent No. 6294328
                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: CDC 1581
OTHER INFORMATION: "n" bases at
CTHER INFORMATION: represent a.
US-09-105-840A-2
                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 4403765
                                                                                                                         US-09-103-840A-2/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        447 GGCGCGCGC---CCCGCCGAGGTGGTGGCGCTGTGGGTGGCGGAGGGGCGGTACTACACC 503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 201 GGCGCGGGCGCGGGGGACCAAGGCGCAGGAGGGTGGCACCGGGAGCGGGAGCAACGCGACG
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                                                                                                                                                                                                                                                                                                        GENERAL INCORRATION:
APPLICANT: Pan, Yang
TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
TITLE OF INVENTION: AND USES THERFOF
FILE REPERENCE: 09404/052001
CURRENT APPLICATION NUMBER: US/09/128,155
CURRENT FILING DATE: 1998-07-62
EARLIER APPLICATION NUMBER: US 66/091,650
EARLIER FILING DATE: 1998-07-62
EARLIER FILING DATE: 1998-07-62
ARRIER FILING DATE: 1997-08-64
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 152331;
                                                                                                                                                                                        564 CGCAACACCCCGAGGICGGGTGCCCCCAGGCCAGCTGCGCCACGG 509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 7.8%; Score 69.6; DB 3; Length 1 Best Local Similarity 47.7%; Pred. No. 0.00055; Matches 215; Conservative 0; Mismatches 235; Indeis
                                                                                                                                                                                                                                                                             // Sequence 16. Application US/09128155
// Patent No. 6117654
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        S Z
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; OTHER INFORMATION: n - A,T,C
US-09-128-155-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                US-09-128-155-16/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           542 CASGIACACGSAGGTGTGTGGCGCAACACGCCGAGGTCGGGTGCGCGCAGGCCAGCTG 601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             194 GCCGGCCGCCGCGCCGCGGTGACCAAGGCGCAGCAGCAGCACCAGCAGCAAA
                                                                                                                                                                                                                                                                                                                                                                       602 GGCCACGGGCCACGCTCACGCTCTGCCTGTACAACCGCACGGCAACGTGCAC 656
                                                                                                                                                                                                 Length 4411529;
                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                  Score 65.4; DB 3; Pred. No. 0.0041; 0; Mismatches 266;
CURRENT APPLICATION NUMBER: 35/69/103,840A COMPRENT FILING DATE: 1998-06-24 NUMBER OF SEQ ID NOS: 2 SOFTWARE: Patentin Ver: 2.1
                                                                                                                          ORGAN'SM: Mycobacterium tuberculosis
CFHER INFORMATION: H37Rv
CS-09-103-840A-1
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Patent No. 5614395
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Meins, Jr., Frederick
Montoya, Alice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
Ward, Eric R.
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Goodman, Robert M.
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Beck, James J.
Duesing, John H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ryals, John A.
                                                                                                                                                                                                                      Best Local Similarity 48.0 Matches 257; Conservative
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                                                                        SEC 1D NO 1
LENGTH: 4411529
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APPLICANT:
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APPLICANT:
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                                                                                                            TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      276 GCGCCGCACAACCAGGCGCGCGGGGGGTGGGCGTGGCCCCGCTGCGGGTGGAACGCGGGG 335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               396 GCGGACGTGGGGGCCAGCCCCTACGCCGCAACCAGGGTGGGCGAGCTACCGCGCGGGGC 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1218004 GCGGGGCTGGCG-GAACGGCGGGGGGCGCGCGCGCGCGCGGCGACCAAGCCGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Clair M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACIERIUM
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
                                APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: WHITE, Owen R.
APPLICANT: WENTER, Owen R.
APPLICANT: VENTER, John C. AIT C.
APPLICANT: VENTER, John C. AIT C.
APPLICANT: VENTER, JOHN C. AIT C.
APPLICANT: VENTER, JOHN C.
APPLICANT: VENTER, JOHN SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACIERIUM
TITLE OF INVENTION: TUBBEROULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT RAPILORICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-05-24
NUMBER CF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                     Length 4411529;
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                                                                                                                                                                                                                                                                                                                                                                 Score 66; DB 3;
Pred. No. 0.0032;
                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Mycobacterium tuberculosis
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Patent No. 6294328
                                                                                                                                                                                                                                                                                                                                                                                                   .;
                                                                                                                                                                                                                                                                                                                                                                 Query Match 7.3%;
Best Local Similarity 48.5%;
                                                                                                                                                                                                                    SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                     252; Conservative
                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: H37Rv
US-09-103-840A-1
Patent No. 6294328
GENERAL INFORMATION:
                                                                                                                                                                                                                                                        4411529
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US-09-103-84CA-1/c
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APPLICANT: Williams, Shericca C.

FITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
FITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0. Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NOMES: US/08/181.271A
FILLIG DATE: 13-JAN-94
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541.8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION SATA
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-00L-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/679,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION NUMBER: US 07/679,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION NUMBER: US 07/105,667
FILING DATE: 8-MAR-1988
FILING DATE: 8-MAR-1988
PRIOR APPLICATION NUMBER: US 08/042,847
FILING DATE: 1-DEC-1990
PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/042,847
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/68,122
FILING DATE: 20-0CT 1999
PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/68,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION NUMBER: US 07/68,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION NUMBER: US 07/580,431
APPLICATION NUMBER: T-SEP-1991
PRIOR APPLICATION NUMBER: US 07/580,431
APPLICATION NUMBER: US 07/580,431
APPLICATION NUMBER: T-SEP-1990
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APPLICATION NUMBER: US C7/366,672
FILING DATE: 20-UGN-1999
PRIOR APPLICATION NUMBER: US 07/329,C16
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
APPLICATION NUMBER: US 08/045,957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
AIJORNEY AGENT INFORMATION:
                                                                                                                                         ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (919)541-8689
INFORMATION FOR SEC 1D NO: )::
SEQUENCE CHARACIERISTICS:
LENGTH: 696 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,
                                                                                             106
                                                                                 NUMBER OF SEQUENCES: 1
CORRESPONDENCE ALDRESS:
                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                              New York
                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                  COUNTRY:
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457 CCGCCGAGGTGGTGGCGCTGTGGCGGAGGGGCGGTACTACACCCACGCCAACAACA S16
                                                                                                                                                                                                                                        439 GIGTTGGATGTGCTAGGGTGAGGAGGATATATTGTCTCTTGCATAIG 498
                                                                                                                                                                                       319 CCGCTAAGGCCGTCGAGATGTGGGGTCAATGAGAAACAGTATTATGCCCACGACTCAAACA 378
                                                                                                                                                                                                                                                                                            577 AGGICGGGIGCGCGAGGCCAGCIGCGCCACGCGCGCACGCICACGCICIGCCIGTACA 636
                                                                                                                                                                                                                          517 CGTGCGCCGCGGGGCGCAGTGCGGCACGTACACGCAGGTGGTGGTGGCGCAACACGGCCG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
CORRESPONDENCE ADDRESS:
                                                                                                                    0:
                                                                                     Length 696;
                                                                                                                  95; Indels
                                                                                                                                                                                                                                                                                                                                                                 637 ACCCGCACGCCAACGTGCAGGGCCAGAGCCCCTACTA 673
                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.3, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/449,315 FILING DATE: 24 MAY-1995
                                                                                 7.2%; Score 65; DR 1;
56.2%; Pred. No. 0.0021;
iive 0; Mismatches 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION EAR.

APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
FILING DATE: 13-JAN-94
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CIBA-GEIGY Corporation
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 11, Application US/08449315
Patent No. 5550505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Harms, Christian
Meins, Jr., Frederick
Montoya, Alice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Friedrich, Leslic B. Goodman, Robert M.
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Sperison, Christoph
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Uknes, Scott J.
Ward, Eric R.
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Alexander, Danny C.
Beck, James J.
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Neuhaus, Jean-Marc
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Hawthorne
                                                                                                                      122; Conservative
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MEDIUM TYPE: Floppy
 single
                               MOLECULE TYPE: CDNA
                                                                                                Best Local Similarity
Matches 122; Conserv
                  linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: New York
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STRANDEDNESS:
TOPOLOGY: lin
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                                                 US-08-181-271A-11
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APPLICANT:
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APPLICANT:
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                                                                                   Query Match
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APPLICANT: Ward, Eric R.
APPLICANT: Ward, Eric R.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARES PATENTIA RELEASE #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/44,803
FILING DATE: 19-MAY-1995
CLASSIFICATION: 536
FRICR APPLICATION DATA:
APPLICATION NUMBER: 08/191,271
FILING DATE: 18-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/947,197

FILING DATE: 6 NOV-1992

PRIOR APPLICATION NUMBER: US 07/678,378

FILING DATE: 1-APR-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/805,566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION APPLICATION DATA:
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FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRICE APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CIBA-GEIGY Corporation
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6-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: 18M PC compatible
OPERATING SYSTEM: PC-FOS/MS-FOS
                                                                                                                                                           Ryals, John A.
Alexander, Danny C.
Beck, James J.
Duesing, John H.
Friedrich, Leslie B.
Goodman, Robert M.
Harms, Christian
Mains, Jr., Frederick
Montoya, Alice
                                                                                         Sequence 11, Application US/08444803
Patent No. 5654414
GENERAL INFORMATION:
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Stinson, Jeffrey R.
Uknes, Scott J.
Ward, Eric R.
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Neuhaus, Jean-Marc
Payne, George B.
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PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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                                                                        US-08-444-803-11
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   517 CGTGCGCCCCGGGGGGGCGCAGTGCGGCACGTACACGCAGCTGGTGTGGCGCAACACCCCCG 576
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           577 AGGICGGGTGCGCGCAGGCCAGCTGCGCCACGCCCCACGCTCACGCTCTGCCTGTACA 636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          457 CCGCCGAGGTGGTGGCGCTGTGGGGGGGGGGGGGGGGTACTACACCCACGCCAACAACA
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Pred. No. 0.0621;
0: Mismatches 95; indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REPERENCE/UDCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION (NFORMATION:
TELEPHONE: (919)54:-8614
                                                                                                                                                                                               PRIOR APPLICATION DATE:
PRIOR DATE:
PRIOR DATE:
PRIOR PAPLICATION DATE:
PRIOR PAPLICATION DATE:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1943
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-196C
PRIOR APPLICATION NUMBER: US 07/632,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION NUMBER: US 07/848,505
FILING DATE: 6-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 20-JUN-1969
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US G7/329,018
FILING DATE: 24-WAR-1969
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US G8/645,957
FILING DATE: 12-APR-1993
ATTOCRNSY/AGENT INFORMATION:
NAME: Elmer, James Scott
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-5EP-1991
APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-5EP-1990
PRION APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1965
                                                                                       FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB:1989
PRIOR APPLICATION DATA:
                                                               MBER: US 07/678,378
1-APR-1991
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NCV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 696 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 56.2
Matches 122; Conservative
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STRANDEDNESS: single
                   FILING DATE: 6-NOV-19
PRIOR APPLICATION DATA:
                                                                   APPLICATION NUMBER:
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; MOLECULE TYPE:
US-08-449-315-11
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CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC DNA SEQUENCES AND USES THEREOF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               S-19825/P1/CGC 1727
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE: ...
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APPLICATION NUMBER: US 07/165,667
FRIOR APPLICATION NUMBER: US 07/165,667
FRIOR APPLICATION NUMBER: US 07/165,667
FRIDRO DATE: 6-FR-1993
FRIOR APPLICATION NUMBER: US 08/042,847
FILING DATE: 1-DEC-1990
PRIOR APPLICATION DATA: WS 07/632,441
FILING DATE: 21-DEC-1990
FRIOR APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
FRIOR APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-00071 1989
FRIOR APPLICATION NUMBER: US 07/425,504
FRIOR APPLICATION DATA:
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FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 07/368,672
TITLE OF INVENTION: CHEMICALLY REGUI
TITLE OF INVENTION: DNA SEQUENCES AN
NUMBER OF SEQUENCES: 166
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: GS 07/678.378
FILING DATE: 1-APR-1991
PRIGR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 07/648,506 FILING DATE: 6-MAR-1992 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/645,957 FILING DATE: 12-APR-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    UMBER: US 07/937,197
6-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MBER: US 08/093,301
16-JUL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: 08.08/093,307
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,19
                                                                                                                                                                                                                   COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPFRATING SYSTEM: PC-POS/MS-DCS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (919)541-8614
(919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Elmer, James Scott.
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
                                                                                                            7 Skyline Drive
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 6-NOV-10
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0
                                                                                                   SIRBET: 7 ony.
CITY: Hawthorne
                                                                                                                                                                               USA
                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             577 AGGICGGGIGCGCAGCAGCAGCIGCGCCACGGCGCCACGCICACGCICTGCCIGIACA 636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     439 GTGTTGGATGTGCTAGGGTTCAGTGTAACAATGGAGGATAIATTGTCTCTTGCAACTAIG 458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            457 CCGCCGAGGTGGTGGCGCTGTGGCGGAGGGGGGGGTACTACACCCACGCCAACAACAACA
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                                                                                                                                                                                                                                                                                                                           NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REPERPECE/COCKET NUMBER: S-1982S/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
                                                         PADLICATION NUMBER: US 07/580,431
FILING DATE: 7-5EP-1990
PRIOR APPLICATION DATE: 05-1990
PRIOR APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION NUMBER: US 07/325,018
FILING DATE: 24-MAR-1989
PRIOR PAPLICATION NUMBER: US 08/5,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NUMBER: Elmor 12-APR-1993
ATTORNEY/AGENT 13-APR-1993
ATTORNEY/AGENT 13-APR-1993
APPLICATION NUMBER: US 07/768,122
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Goodman, Robert M.
Harms, Christian
Meins, Jr., Frederick
Montcya, Alice
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; Patent No. 5689044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
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Alexander, Danny C.
Beck, James J.
Duesing, John H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Payne, George B.
                       FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Moyer, Mary B.
                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        696 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 122; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-449-043-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-444-803-11
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APPLICANT:
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APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
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RESULT 15
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                                                                                                                                                                                                                                                                                                           577 AGGICGGGIGCGCGGAGGCCAGCIGCGCCACGGGCCCACGCICACGCICIGCCIGIACA 635
                                                                                                                                                                                                                                                                                    CGIGCGCCGCGGCGCGCAGTGCGGCACGTACACGCAGGTGGTGTGGGCGCAACACCGCCG
                                                                                                                                                                                                      457 CCGCCGAGGIGGTGGCGCTGTGGGTGGCGGAGGGGGGGTACTACACCCCACGCCAACAAAA
                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:

APPLICANT: Alexander, Danny C.

APPLICANT: Ryals, John
APPLICANT: Ryals, John
APPLICANT: Stinson, Robert M.

APPLICANT: Stinson, Jeftrey R.

TITHE OF INVENTION: CHEMICALLY REGILA: AHLE AND ANT:-PATHOGENIC TITLE OF INVENTION: DAN SEQUENCES AND USES THEMEDF

CORRESPONDENCE ADDRESS:
                                                                                                                                                                   6
                                                                                                                     Query Match 7.2%; Score 65; DB 1; Leugth 696; Best Local Similarity 56.2%; Pred. No. 0.0021; Matches 122; Conservative 0; Mismatches 95; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                          ACCCSCACGCAACGTGCAGGGCCAGAGCCCCTACTA 673
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENI APPLICATION DATA:
APPLICATION NUMBER: US/08/456,265A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 520 White Plains Road, P.O. Box 2005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JMBER: US/08/456,265A
31-MAY-95
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/181,271
FILIND DATE: 13.43N-1994
PRIOR APPLICATION NUMBER: US 08/093,301
APPLICATION NUMBER: US 08/093,301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/678,378
FILING DAIE: 1-APR-1991
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 37/305,566
FILING DATE: 6-FEB.1969
PRIOR APPLICATION DATE: US 37/165,667
APPLICATION NUMBER: US 37/165,667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JMBER: US 08/093,301
16-JUL-1993
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FILING DATE: 8-MAR-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DGS/MS-DGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 11, Application US/08456265A
Patent No. 5767369
                    STRANDEDNESS: single
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COMPUTER READABLE FORM:
MEDIGM TYPE: Floppy of
nucleic acid
                                       ; TOPOLOGY: linear;
; MOLECULE TYPE: CDNA
US-08-449-043-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Tarrytown
SIATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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517 CGIGCGCCCCGGGGGGGGGGAGTGCGGCACGIACACGCAGGTGGTGTGGCGCCAACACGCGCG 576
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7.2%; Score 65; DB 1; Length 696; 56.2%; Pred; No. C.0021; tive -0; Mismatches 95; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Meigs, J. Timothy RESISTRATION NUMBER: 36.241 RESISTRATION NUMBER: 36.241 REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727/UIVIO TELECCHMUNICATION: (919)541-8557
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      637 ACCCGCACGCCAACGTGCAGGGCCAGAGCCCTACTA 573
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/042,847
FILING DATE: 6.APPR.1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
PLING DATE: 21.DEC-1990
APPLICATION DATA:
APPLICATION NUMBER: US 07/648,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/648,506
FILING DATE: 27.5EP-1991
                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-5EP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-40N-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FTLING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/045,957
FTLING DATE: 12-APR-1983
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 11, Application US/08455416
Patent No. 2777200
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Bock, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Alexander, Danny C.
Beck, James J.
Duesing, John H.
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INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 696 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ouery Match
Best Local Similarity 56.20
Matches 122: Conservative
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APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOSENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREUF
NUMBER OF SEQUENCES: 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DAYA:
APPLICATION NUMBER: US/08/455,416
FILING DATE: 31-MAY-1995
CLASSIFICATION: 860
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION 18 800
PRIOR APPLICATION NUMBER: 08/181,271
FILING DATE: 13-13N-94
APPLICATION NUMBER: 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION MAPER: US C7/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
FILING DATE: 1-APR-1991
FILING DATE: 1-APR-1991
FILING DATE: 1-6-1995
FILING DATE: 1-6-1995
FILING DATE: 05/305,566
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FILING DATE: 7-5EP-1990
PRIORA APPLICATION DATA:
APPLICATION NOTA: US 07/368,672
FILING DATE: 20-JUN-1939
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/632,441 FILING DATE: 21-DEC-1990 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/425,504 FILING DATE: 20-0CT 1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/042,847 FILING DATE: 6-APR-1993 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/632,441 FILING DATE: 21-DEC-1990
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APPLICATION NUMBER: US C7/848,506
FILING DATE: 6-WAR-1992
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      CIBA-GEIGY Corporation
Friedrich, Leslie B.
Goodman, Robert M.
Harms, Christian
Meins, Jr., Frederick
Montoya, Alice
                                                                                                                                                                                                             Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
Ward, Eric R.
                                                                                                                               Moyer, Mary B.
Neuhaus, Jean-Marc
Payne, George B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: CIBA-GEIGY CC
STREEI: 7 Skyline Drive
CIIY: Hawthorne
                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      New Yerk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
                                                                          APPLICANT
                           APPLICANT:
APPLICANT:
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457 CCGCCGAGGTGGTGGCGCTGTGGGGTGGCGGAGGGGCGGTACTACACCCACGCCAACAACA 516
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 696;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 65; DB 1; Length byo
Pred. No. 0.0021;
                                                                                                                                                                                                                             NAME: Elmer, James Scott.
REGISTRATION NUMBER: 35,129
RECEMBLOCKET NUMBER: 36,129
RECEMBLICATION NUMBER: 36,129
RECEMBLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              637 ACCCGCACGCAACGTGCAGGCCCAGAGCCCCTACTA 673
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                                                                           US 08/045,957
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Bost Local Similarity 56.2%;
Matches 122; Conservative C
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 12-APR-1993
ATTORNEY/AGENI INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: CDNA
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GenCore version 5.1.6

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CM nucleic - nucleic search, using sw mode:

Run on:

Cotober 17, 2003, 12:44:56 : Search time 217.066 Seconds (without alignments)

10864.256 Million cell updates/sec

102-09-832-320-1

Perfect score: 898
Sequence:

Scoring table: IDENITY_NUC
Gapop 10.6 , Gapext 1.0

Searched:

1750203 seqs, 1313063994 residues

Total number of hits satisfying chosen parameters: 3500406

Minimum DB seq length: 0

Maximum, DB seq length: 2000000000
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Published_Applications_NN:*

1: \cgn2_6\ptodatad/I/pubpna/USO1_PUBCOMB.seq:*

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6: \cgn2_6\ptodatad/I/pubpna/USO6_NNW_PUB.seq:*

7: \cgn2_6\ptodatad/I/pubpna/USO8_NNW_PUB.seq:*

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10: \cgn2_6\ptodatad/I/pubpna/USO8_PUBCOMB.seq:*

10: \cgn2_6\ptodatad/I/pubpna/USO9_PUBCOMB.seq:*

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13: \cgn2_6\ptodatad/I/pubpna/USO9_NNW_PUB.seq:*

14: \cgn2_6\ptodatad/I/pubpna/USIO_NNW_PUB.seq:*

15: \cgn2_6\ptodatad/I/pubpna/USIO_NNW_PUB.seq:*

16: \cgn2_6\ptodatad/I/pubpna/USIO_NNW_PUB.seq:*

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Post-processing: Minimum Match 0% Maximum Match 160% Listing first 45 summaries Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Appli Appli
Description	Sequence 1, Appli Sequence 12, Appli Sequence 12, Appli Sequence 74, Appli Sequence 74, Appli Sequence 14, Appli Sequence 14, Appli Sequence 14, Appli Sequence 14, Appli Sequence 15, Appli Sequence 15, Appli Sequence 17, Appli
SUMMARIES ID	US-09-832-320-1 US-09-832-320-3 US-09-840-479-12 US-09-840-479-12 US-10-289-165-774 US-10-289-185-774 US-10-078-929-81 US-10-086-347-3 US-10-259-165-345 US-10-259-165-345 US-10-259-165-33 US-10-259-165-173 US-10-259-165-173 US-10-259-165-173 US-10-259-165-173 US-10-259-165-173 US-10-259-165-173 US-10-259-165-23
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% Query Match	100.0 100.0 15.5 15.5 13.6 13.6 13.1 12.2 12.2 12.2
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GCAGCGGCAGCAACGCGACGGCGGACGAGTACCTGGCGCCGGACAACAAGAGGGGCGCGCGG 300
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                                                   CACCCCCCCATCCCGCCGCCGGCGCGCGGGTGACCAAGGCGCAGCAGGTGGCACCC
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Patent No. US20010049834A1
GENERAL INFORMATION:
APPLICANT: Crane, Edmund H.
APPLICANT: Crane, Virginia C.
TITLE OF INVENTION: Maize Pathogenesis Related
IITLE OF INVENTION: Maize Pathogenesis Related
IITLE OF INVENTION: Polynucleotide and Methods of Use
FILE REFERENCE: 35718/214291
CURRENT APPLICATION NUMBER: US/09/832,320
CURRENT FILING DATE: 2001-04-10
PRIOR PILING DATE: 2001-04-10
PRIOR FILING DATE: 2000-04-10
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                         GTGGGCGTGGCCCCCGCTGCGGTGGAACGCGGGCCTGGCTTCGGCGGCCGACGGGACGGTG
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                                    Gaps
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TITLE OF UNVENTION: Family of Maize PR-1 Genes And Promoters
File ReperbnCe: 5718-52, 035718/175219
CURRENT APPLICATION NUMBER: US/09/840,479
CURRENT FILING DATE: 2001-04-23
FRIOR APPLICATION NUMBER: 09/257,583
FRIOR PILING DATE: 1999-02-25
        Length 612,
                                  Indels
        Score 612; DB 9; L. Pred. No. 8.8e-125;
                                   Mismatches
68.2%; Scorr
100.0%; Pre
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Patent No. US20010025380A1
GENERAL INFORMATION:
       Query Match
Best Local Similarity 100.0
Matches 512; Conservative
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LOCATION: (92)..(583)
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LENGTH: 749
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IITLE OF INVENTION: GENES THAT ARE MODULATED BY POSITRANSCRIPTIONAL GENE SILENCI
FILE REFERENCE: 70030-NP
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                 200 CGGCGCGGGCGCGGTGACCAAGGGGGCAGGGTGGCACCGGCAGCGGCAGCAACGCGA
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                                                                                         <u> ACTACACCCACGCCAACAACACGGGGCGGGGGGGGGCGCAGTGCGGCACGTACACGCAGG</u>
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CURRENT FILING DATE: 2062-05-26
FRICH PAPLICATION NUMBER: US 60/370,620
FRICH PAPLICATION NUMBER: US 60/370,620
FRICH PAPLICATION NUMBER: US 60/368,327
FRICH APPLICATION NUMBER: US 60/325,277
FRICH APPLICATION NUMBER: US 60/325,277
FRICH FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 782
SOCTWARDE: Patentiist.pl version 3.0.4 (C) 2001 Syngerta
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56.6%; Pred. No. 1e-20;
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 774, Application US/10259165 Fublication No. US20030135888A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Glazebrock, Jane
APPLICANT: Goff, Stephen A.
APPLICANT: Katagiri, Fumiyak!
APPLICANT: Kreps, Joel
APPLICANT: Moughamer, Todd
APPLICANT: Provart, Nicholas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Wang, Xun
Chang, Hur-song
Briggs, Steven P.
Cooper, Bret.
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Matches 294, Conservative
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                                                                                                                                                                                                                                                                                                          673 AGCTAGGT 680
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APPL.CANI: Zhu, Tong
APPL.CANI: Wang, Xun
APPLICANI: Briggs, B
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US-10-259-165-774
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Fublication No.
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      228 TGTCC16GGACGACACCTCGC---GCGTACGCGCAGAGTACGCGGGCGCAGCCCAGG 284
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                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/09840479; Sequence 6, Application US/09840479; Patent No. US20010025380A1; GNBERAL INFORMATION; GNBERAL INFORMATION: APPLICANT: Crane, Virginia; TILE OP INVENTION: Facily Of Maize PR-1 Genes And Promoters; FILE REFERENCE: 5718-32, 035718/175219; CURRENT FAPLICATION NUMBER: US/05/840.479; CURRENT FILING DATE: 1999-02-25; PRIOR APPLICATION NUMBER: 09/257,583; NUMBER CF SEQ ID NOS: 37; SOFTWARE: Patentin Ver. 2.0; SEQ ID NO 6; SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 865;
                                Score 139; DB 9; Length 749;
Pred. No. 3.2e-21;
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                                                                      0; Mismatches 155; Indels
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62.4%; Pred. No. 6.7e-21;
tive 0; Mismatches 154;
                                15.5%; 61.6%;
                                                     Best_Local Similarity 61.6
Matches 258; Conservative
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US-09-840-479-6
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JS-09-840-479-12
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	RESULT 7 18-10-070-929-81 18-10-070-929-929 18-10-070-929	inME/KEY: unsure LCCATION: (760) US-10-078-929-81 Query Match Est Local Similarity 60.6%; Pred: No. 1.9e-17; Matches 254; Conservative 0; Mismatches 157; Indels 6; Gaps 3; Qy 258 ACGGCGCGCGCGCCCCCCCCCCCCCCCCCCCCCCCCCC
99 380 GGGCGGCGGCCCCCTACCCCCTACCCCCACCGCGCGCCCC 439	0y 677 AGCTGAGGTCATCAGGTCGTAGGCACGCACCTGT 715 Db 522 CCTCGACTWCTGCCAAGTGCGAGGCCCCTGC 566 FREMUT: 6 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.5 0.5

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558 GIGIGGCGCA--ACACACGCCGAGGTCGGGTGCGCSCAGGCCAGCTGCGC---CACGGGGG 612
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                                    TACACCCACGCCAACACACGTGCGCCGCGGGGGGGGCACTGCGGGCACGTACACGCAGGTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   269 GTGGCCTGGAACACCAGGTGG---CGGCGTACGCGCAGAGCTACGCGAACCAGCGGGG
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                                                                                                                                                                                                                                                                                                                             APPLICANT: Ploneer H1-Bred International, Inc.
APPLICANT: Simmons, Carl
APPLICANT: Simmons, Carl
APPLICANT: Acevedo, Pedro
APPLICANT: Crane, Virginia
TITLE OF INVENTION: Maize PRI Polynucleotides and Methods of I
FILE REFRENCE: 3578/242798 (5718-151)
CURRENT APPLICATION NUMBER: US/10/068,347
PRIOR APPLICATION NUMBER: 60/266
PRIOR APPLICATION NUMBER: 60/267,652
PRIOR FILING DATE: 2001-02-07
NUMBER OF SEQ ID NOS: 12
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59.7%; Pred. No. 8.5e-17;
live 0; Mismatches 162
                                                                                                                                                                                                                                                                              Sequence 3, Application US/10058347 Publication No. US20020166146A1 GENERAL INFORMATION:
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hes 258;
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US-10-068-347-3
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                                                                                                                CASGGGGGGGGGCGTTCSCGGACGTGGGGGCCAGCCCCTACSGCGGAAACCAGGGGTGG 437
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LOCATION: (42)..(686)
NAME/KEY: usure
LOCATION: (775)
OTHER INFORMATION: The nucleotide at this position may be a
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GENERAL INFORMATION: Family Of Maize PR-1 Genes And Promoters

FILLE REFERENCE: 5718-33, 035718/175219

CURRENT APPLICATION NUMBER: 08/09/840,479

CURRENT FILING DAIE: 2001-09-23

PRIOR FILLNG DAIE: 1999-02-25

NUMBER OF SEQ ID NGS: 37

SOFTWARE: Patentin Ver: 2.0
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Pred. No. 1.90-17;
0; Mismatches 157; Indels
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Best Local S
Matches 254
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APPLICANT: Ricke, Darrell TITLE OF INVENTIONAL GENE SILENCIN TITLE OF INVENTIONAL GENE SILENCIN TITLE OF INVENTION: GENES THAT ARE MODULATED BY POSTTRANSCRIPTIONAL GENE SILENCIN CURRENT APPLICATION NUMBER: US/10/259,165 CURRENT FILING DATE: 2002-09-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       188 CCTCATGCCGGGGGGGGGGGGGGGGGGGGAGCGCGAGCAGGGTGGCACCGGCAGCGG 247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                141 CGTCGGCCCGGTGAGCTGGGACCCCAAGGTCGCCAGGTTCGCGCAAGGTACGCGGCCAA 205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              21 CCTCGCCGCCGTGCTCGCCGTGGCCATCTCGCTGGCCATGGCGGCCCACCACCACCACCTC 80
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PRIOR APPLICATION NUMBER: US 60/370,620
PRIOR FILMG DATE: 2002-04-04
PRIOR APPLICATION NUMBER: US 60/368,327
PRIOR APPLICATION NUMBER: US 60/368,327
PRIOR APPLICATION NUMBER: US 60/325,277
PRIOR FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 782
SOFTWARE: Patentlist.pl version 3.0.4 (C) 2001 Syngenta
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Pred. No. 1.6e-16;
0; Mismatches 211;
                                                                                                                                                                                   ; Sequence 85, Application US/10259165; Publication No. US20630135888A1; GENERAL INFORMATION:
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ilarity 55.4%; Pre
Conservative 0;
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Briggs, Stoven P.
Cooper, Bret
Glazebrook, Jane
Goff, Stephen A.
Katagiri, Fumiyaki
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Moughamer, Todd
Provart, Nicholas
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                                                       665 CCCCTAC 671
                                                                                          CCCGTTC 504
                                                                                                                                                                                                                                                            Wang, Xun
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Matches 270; Conserv
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APPLICANT: Moudamer, Toda
APPLICANT: Provart, Nicholas
TILLE OF INVENTION: GENES THAT ARE MODULATED BY POSTIRANSCRIPTIONAL GENE SILENCING
FILE REFERENCE: 70030-NP
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0; Mismatches 211;
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PRIOR APPLICATION NUMBER: US 66/376,620
PRIOR FILING DATE: 2002-04-64
PRIOR APPLICATION NUMBER: US 60/368,327
PRIOR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2001-09-26
NUMBER OF SEC 12 NOS: 782
                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/259,165
CURRENT FILING DATE: 2002-09-26
                                                                                                                          ; Sequence 345, Application US/10259165; Publication No. US20030135888A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                        APPLICANT: Cooper, Brett
APPLICANT: Glazebrock, Jane
APPLICANT: Glazebrock, Jane
APPLICANT: Kataqiri, Pumiyaki
APPLICANT: Kreps, Joc |
APPLICANT: Wonghamer, Todd
APPLICANT: Provart, Nicholas
APPLICANT: Ricke, Jarrell
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Cooper, Bret
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Best Local Similarity 55.44
Matches 270; Conservative
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Chang, Hur-song
 669 TACTAGCTAGCT 680
                       ; ORGANISM: Oryza sativa
US-10-259-165-345
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APPLICANT: Briggs, Steven P.
APPLICANT: Cooper, Bret
APPLICANT: Glaf. Steven P.
APPLICANT: Glaf. Stephen A.
APPLICANT: Katagiri, Fumiyaki
APPLICANT: Katagiri, Fumiyaki
APPLICANT: Katagiri, Todd
APPLICANT: Mughamer, Todd
APPLICANT: Mughamer, Todd
APPLICANT: Rick, Dairfell
TILLE OF INVENTION: GBNES THAT ARE MODULATED BY POSTTRANSCRIPTIONA: GENE SILENC:
FILE REFERENCE: 7003C-NP
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55.4%; Prod. No. 1.88-16;
tive 0: Mismatches 211; Indels
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CURRENT FILING DATE: 2002-69-26
PRIARA APPLICATION NUMBER: US/16/259,165
CURRENT FILING DATE: 2002-69-26
PRIOR FILING DATE: 2002-04-64
PRIOR FILING DATE: 2002-04-64
PRIOR FILING DATE: 2002-04-67
PRIOR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2002-05-26
NUMBER OF SEQ ID NOS: 702
SOFTWARE: PALENTIALLIST.pl Version 3.0.4 (C) 2001 Syngenta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 173, Application US/10259165; Publication No. US20030135888A1
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Chang, Hur song
Briggs, Steven P.
Cooper, Bret
Glazebrook, Jane
Gaff, Stephen A.
Katagiri, Fumiyaki
Kreps, Joel
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US-10-259-165-173
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Best Local Similarity
Matches 270; Conserva
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APPLICANT: Weig, Lude
TITLE OF INVENTION: Stress Response
CURRENT APPLICATION NUMBER: US/10/078,929
PRIOR FILING DATE: 2002-02-19
PRIOR PILING DATE: 1999-05-07
PRIOR PILING DATE: 1999-05-07
PRIOR PILING DATE: 1999-05-07
PRIOR PILING DATE: 1999-05-11
PRIOR PILING DATE: 1999-06-11
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                                                                                                         CACCCAGGTGGTGGCGCACAAGTCGGTGCGCATCGGCTGCGCCCGCGTCGTGTGCGCGGCC 437
                                                                   G---GGGGCCACGCTCAGGCTCTGCCTGTACAACCGGCAGGGAACGTGCAGGGCCAGAG 664
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Pred. No. 1.7e-16;
                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 85, Application US/19078929
Publication No. US20020152497A1
GENERAL INFORMATION:
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Falco, Saverio Carl
Sakai, Hajime
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55.48;
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Microsoft Office 97
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Best Local Similarity 55.49
Matches 270; Conservative
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Odell, Joan I.
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US-10-078-929-85
                                                                                                                                                                                                                                             CCCCTTC 504
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APPLICANI:
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APPLICANT: Moughamer, Todd
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
APPLICANT: Ricke, Darrell
TITLE OF INVENTION: GENES THAT ARE MODULATED BY POSTTRANSCRIPTIONAL GENE SILENCIN
CURRENT APPLICATION NUMBER: US/10/259,165
CURRENT FILING DAIE: 2002-09-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 12.2%; Score 116; DB 12; Nest Local Similarity 58.6%; Prcd. No. 6.6e-15; Matches 251; Conservative 0; Mismatches 165;
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PRIOR PAPLICATION NUMBER: US 60/370,52C
PRIOR FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: US 60/368,327
PRIOR FILING DATE: 2002-03-7
PRIOR APPLICATION NUMBER: US 60/352,277
PRIOR APPLICATION NUMBER: US 60/325,277
PRIOR FILING DATE: 2001-09-26
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APPLICANT: Wang, Xun
APPLICANT: Chang, Hur-song
APPLICANT: Briggs, Steven P.
APPLICANT: Cooper, Bret
APPLICANT: Glazebrock, Janc
APPLICANT: Glazebrock, Janc
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APPLICANT: Goff, Stephe
APPLICANT: Katagiri, Fu
APPLICANT: Kreps, Joel
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US-10-259-165-177
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APPLICANT: Glazebrook, Jane
APPLICANT: Repair Funiyaki
APPLICANT: Moughamer, Todd
APPLICANT: Moughamer, Todd
APPLICANT: Micke, Darrell
TITLE OF INVENTION: GENES THAT ARE MODULATED BY POSTTRANSCRIPTIONAL GENE SILENCING
TITLE REPREBENCE: 7003-0-9-26
CURRENT APPLICATION NUMBER: US 60/370,620
PRIOR PAPLICATION NUMBER: US 60/370,620
PRIOR APPLICATION NUMBER: US 60/370,620
PRIOR APPLICATION NUMBER: US 60/370,620
PRIOR APPLICATION NUMBER: US 60/325,277
PRIOR APPLICATION NUMBER: US 65/325,277
PRIOR APPLICATION NU
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                                                   GCAGCGGCGCGCGGCGGCGCGTTCGCGGACGTGGGGGCCCAGCCCCTACGGCGCGAA 427
                                                                                                   201 GCGCGCCGCCGCCACCCGCCGCACCACCCCGCGGGCCGTACGGCGAGGAACATCTT--- 257
                                                                                                                                                          488 GGGGGGTACTACACCCACGCCAACAACACGTGCGCCGCGGGGGGGCGCAGTGCGGCACGTA 547
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12.2%: Score 1:0: DB 12: Length 498: Best Local Similarity 58.6%: Pred. No. 6.6e-15; Matches 251; Conservative 0: Mismatches 165: Indels 1
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Publication No. US20030135888A1
GENERAL INFORMATION:
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Chang, Hur-song
Briggs, Steven P.
Cooper, Bret
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US-10-259-165-23
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APPLICANT:
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1 MAHSRSHHHLLLLPAPMATA......ATUTUCLYNFHGNVQGQSPY 203
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Copyright (c) 1993 - 2003 Compugen Ltd
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US-10-259-165-86
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ALIGNMENTS

SGSNATADEYLAPHNOARAAVGVAFLRWNAGLASAAAGTVAQQRRQGCCAFAUVGASPYG 120 1 MAHSRSHHHLLLEPAPMATACLILATLLALCAAFAPTHGARVLMPGGAGAVTKAQQGGTG 50 100.0%; Score 1085; DB 9; Length 203; 100.0%; Pred. No. 2.6e-92; ive 0; Mismatches 0; Indels C Sequence 2. Application US/09832323
Fatent No. US20010049834A1
GENERAL INFORMATION:
APPLICANT: Crane, Edmund H.
APPLICANT: Crane, Virginia C.
ITTLE OF INVENTION: Maize Pathogenesis-Related
ITTLE OF INVENTION: Polynucieotide and Methods of Use:
FILE REFERENCE: 35718/224291
CURRENT FILING DATE: 2001-04-10
CURRENT FILING DATE: 2001-04-10
FR.OR APPLICATION NUMBER: US 60/195,801
FR.OR APPLICATION UNDRER: US 60/195,801
FR.OR FILING DATE: 2000-04-10
NUMBER OF SEQ 1D NOS:
SCTUMARE: FASTSED for Mindows Version 4.0 Ose Ouery Match Best Local Similarity 100. Matches 203; Conservative : ORGANISM: Zca mays US-09-832-320-2 203 RESULT 1 US-09-832-320-2 51 TYPE: PRT LENGIH: õ 臼 Qγ qc ò ac

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LENGIH: 165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 ACLLLATLLALCAAPAPTHGARVLMPGGAGAVTKAQQGGTGSGSNATADEYLAPHNQARA 79
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APPLICANT: Sakai, Hajime
APPLICANT: Sakai, Hajime
APPLICANT: Sakai, Hajime
APPLICANT: Cadolloyo O.
APPLICANT: Cadolloyo O.
APPLICANT: Meyers, Hlake
APPLICANT: Thorpe, Catherine
APPLICANT: Weight and Cadolloyo Catherine
APPLICANT: Worleic Acid Fragments Encoding Proteins Involved in TITLE OF INVENTION: Nucleic Acid Fragments Encoding Proteins Involved in FILE REFERENCE: BB135 US NA
CURRENT APPLICATION NUMBER: US/10/078,929
CURRENT FILING DATE: 2002-02-19
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                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Crane. Virginia
TITLE OF INVENTION:
FILE REFERENCE: 5718 *32, 635718/175219
CURRENT APPLICATION NUMBER: 35/69/846,479
CURRENT APPLICATION NUMBER: 05/23/583
PRIOR APPLICATION NUMBER: 09/237,583
PRIOR FILING DATE: 1999-02-25
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181 ATGATLTICIYNPHGNVCGOSPY 203
                       PRIOR FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: 60/133C38
PRIOR FILING DATE: 1999-05-07
PRIOR PPLICATION NUMBER: 60/133642
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: 60/133427
PRIOR FILING DATE: 1999-05-11
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PRIOR APPLICATION NUMBER: 09/566,394
                                                                                                                                             Sequence 13, Application US/09840479 Patent No. US20010025380A1
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Falco, Saverio Carl
Sakai, Hajime
                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13
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APPLICANT: Miao, Guo-Hua
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                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Zea mays
US-09-840-479-13
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APPLICANT: Ricke, Darrell
TITLE OF INVENTION: GENES THAT ARE MODULATED BY POSITIVANSCRIPTIONAL GENE SILENCINF
FILE REPERENCE: 70030-NP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           138 LWVAEGRYYTHANNTCAAGROCGTYTQVVWRNTAEVGCAQASCATGA-TLTLCLYNPHGN 196
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SCFTWARE: PatentList.pl version 3.0.4 (C) 2031 Syngenta
                                                                                                                                                                                                                                                                                                                                                                                                            30.5%; Score 331; DB 14; 39.0%; Pred, No. 6.4e-23;
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CURRENT FILING DATE: 2002-09-26
PRIOR APPLICATION NUMBER: US 6C/370,620
PRIOR FILING DATE: 2002-04-04
FROR APPLICATION NUMBER: US 60/368,327
PRIOR FILING DATE: 2002-09-27
PRIOR FILING DATE: 2002-09-27
PRIOR FILING DATE: 2001-09-26
PRIOR FILLING DATE: 1999-05-11
PRIOR APPLICATION NUKBER: 60/133426
PRIOR PILLING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/133436
PRIOR APPLICATION NUMBER: 60/133436
PRIOR APPLICATION NUMBER: 60/133436
PRIOR PRILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/137667
PRIOR APPLICATION NUMBER: 60/137667
NUMBER: CF ESQ 1D NOS: 208
SOFTWARE: MICROSOFT Office 97
SEQ 1D NO 202
LEGGRIH: 163
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Publication No. US20030135888A1
GENERAL INFORMATION:
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Goff, Stephen A.
Katagiri, Fumiyak
Kreps, Joel
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Provart, Nicholas
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APPLICANT: Wang, Xun
APPLICANT: Chang, Hur-song
APPLICANT: Briggs, Steven P.
APPLICANT: Cooper, Bret
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Fost Local Similarity 39.0%
These 73: Conservative
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: ORGANISM: Zea mays
US-10-078-929-202
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APPLICANT: Kreps, Joul
APPLICANT: Woughamer, Todd
APPLICANT: Mouthamer, Todd
APPLICANT: Mouthamer, Todd
APPLICANT: Mouthamer, Todd
APPLICANT: Mouthamer, Todd
APPLICANT: Browart, Nicholas
APPLICANT: File Darrell
: TITLE COF INVENTION: GENES THAT ARE MODULATED BY FOSTTRANSCRIPTIONAL GENE SILENCIH
CURRENT PRILIG DATE: 2002-09-26
PRICE APPLICATION NUMBER: US 60/370,627
PRICE APPLICATION NUMBER: US 60/370,627
PRICE APPLICATION NUMBER: US 60/370,627
PRICE APPLICATION NUMBER: US 60/325,277
PRICE RILIG DATE: 2002-03-27
PRICE FILING DATE: 2001-05-26
NUMBER CF SEQ ID NOS: 782
SEC ID NOS: 782
SEC ID NOS: 782
SEC ID NO 446
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                                                                                                                                                                                                                         Sequence 446, Application US/10259165
Publication No. US20030135888A1
CHERRAL INFORMATION:
APPLICANT: Zhi, Tong
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APPLICANT: Zhu, Tong
APPLICANT: Wang, Xun
APPLICANT: Chang, Hur-song
APPLICANT: Briggs, Steven P.
APPLICANT: Cooper, Bret
                                          189 CLYNPHGNVQGQSPY 203
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANI: Cooper, Bret
APPLICANI: Glazebrook, Jane
APPLICANI: Goff, Stepher: A.
APPLICANI: Katagiri, Fumiyaki
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Cooper, Bret
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Goff, Stephen A.
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Chang, Hur-song
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US-10-259-165-446
                                                                                                                                                                 RESULT 6
US-10-259-165-446
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US-10-259-165-204
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APPLICANT:
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FILE REFERENCE: 70030-NP
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                                                                                                                                                                                                                                                                                 77 ARAAVGVAPLRWNAGLASAAAGTVAQQRRUGGCAF--ADVGASPYGANQGWASYRA--RP 132
                                                                                                                                                                                                                                                                                                                                                                                                              133 AEVVALMVAEGRYYTHANNICA--AGROCGTYTQVVWRNTAEVGCAGASC--ATGATUTL 188
                                                                                                                                                                                                                                                                                                                        17 MATACLILATLIALCAAPAPTHGARVLMPGGAGAVTKAQOGGTGSGSNATADEYLAPHNQ 75
                                                                                                                                                                                                  1 MATSSLLVAAVLAAAAMAATAQN-----SAQDYVDAHNA 34
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                                                                                                  38; Gaps
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                                    DB 12: Length 165;
                                                                                                  indels
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CURRENT FILING DATE: 2002-09-26
PRIOR APPLICATION NUMBER: US 69/370,620
PRIOR FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: US 69/368,327
FROR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 782
SOFTWARE: PATENTIST, 
                             28.0%; Score 304; DB 12; L
37.9%; Pred. No. 2e-20;
Live 25; Mismatches 58;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Glazebrook, Jane
APPLICANT: Goff, Stephen A.
APPLICANT: Kataqiri, Funiyaki
APPLICANT: Kreps, Joel
APPLICANT: Moughamer, Todd
APPLICANT: Provart, Nicholas
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|151 CNYSPPGNVDGESPY 165
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Briggs, Steven P.
Cooper, Bret
Ouery Match
Best Local Similarity 37.9%
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Best Local Similarity 37.9%
Matches 74; Conservative
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; ORGANISM: Oryza sativa
US-10-259-165-178
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APPLICANT: Wang, Xun
APPLICANT: Chang, Hu
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APPLICANT:
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APPLICANT: Gdeil, Joan 17.
APPLICANT: Meyers, Blake
APPLICANT: Meyers, Blake
APPLICANT: Meyers, Blake
APPLICANT: Meyers, Blake
APPLICANT: Meno, Zude
TITLE OF INVENTION: Stress Response
TITLE OF INVENTION: Stress Response
FILE REPERBNCE: BB1357 US A
CURRENT APPLICATION NUMBER: US/10/078,929
GIRRENT FILING DATE: 2002-22-19
FRIOR APPLICATION NUMBER: 09/566,394
PRIOR FILING DATE: 1999-05-05
PRIOR PILICATION NUMBER: 60/133042
PRIOR PILICATION NUMBER: 60/133042
PRIOR PILICATION NUMBER: 60/13342
PRIOR PILING DATE: 1999-05-07
PRIOR PILING DATE: 1999-05-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          67 NQ-RAGDCRLVESG-GPYGENLEWGSAGYAW. ASNAVGSKAAEKQYYNBATNTCSAPSGQ 124
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                                               QORROGGCAFADVGASPYGANGGW--ASYRARPARVVALWVAEGRYYTHANNTCAA--GR 157
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                                                                                                                                  158 QCGTYTQVVWRNTAEVGCAQASCATGA-TLTLCLYNPHGNVQGQSFY 203
                                                                                                                                                           Length 164;
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39.9%; Pred. No. 7.3e-19;
Michael 66;
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PRIOR FILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/133436
PRIOR FILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/137667
PRIOR FILING DAIE: 1999-06-04
                                                                                                                                                                                                                                                                                 Sequence 82, Application US/16078929
Publication No. US20020152497Al
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                            Falco, Saverio Carl
Sakai, Hajime
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Microsoft Office 97
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Best Local Similarity
Matches 63; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : CRGANISM: Zea mays
US-10-078-929-82
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APPLICANI:
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                                                                                                             BY POSTTRANSCRIPTIONAL GENE SILENCING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   42 VLMPGGAGAVTKAQQGGTGSGSNATADEYLAPHNQARAAVGVAPLRKNAGLASAAAGTVA 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            131 RPAEVVALWVAEGRYYTHANNICAAGROCGTYTOVVWRNTAEVGCAQASCATGATLTLCL 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         17 MATACLLLATLLALCAAPAPTHGARVLMPGGAGAVTKAQQGGTGSGSNATADEYLAPHNQ 76
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41.9%; Pred. No. 4.4e-20;
tive 17; Mismatches 63; indels 17; Gaps
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GENERAL INFORMATION:
REPLICANT: PIONEER HI-Bred International, Inc.
APPLICANT: Sizmons, Cari
APPLICANT: Acevedo, Pedro
ITILE OF INVENTION: Maize PRI Polynucleotides and Methods of Uso
FILE REFERENCE: 35718/242798 (5718-151)
CURRENT APPLICATION NUMBER: US/10/068,347
CURRENT APPLICATION NUMBER: 05/267,052
PRIOR PLIUM DATE: 2001-02-06
PRIOR FILLING DATE: 2001-02-07
SOFTWARE: Patentin version 3.6
SOFTWARE: Patentin version 3.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   UB 12; Length 175;
                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               27.8%; Score 301.5; UB 12; 36.3%; Pred; No. 3.5c-20; viewatches 69;
                                                                                  APPLICANT: Ricke, Darrell
TITLE OF INVENTION: GENES THAT ARE MODULATED
FILS REFERENCE: 70030-NP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-068-347-4
: Sequence 4, Application US/10068347
: Publication No. US20020166146Al
Katagiri, Pumiyaki
           APPLICANT: Kreps, Joel
APPLICANT: Woughamer Todd
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Nicholas
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Bost Local Similarity
Matches 70; Conserv
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es 70; Conserv
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Best Local S:
Matches 70,
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APPLICANT: Meyers, Baake
APPLICANT: Thorpe, Catherine
APPLICANT: Weng, Zude
TITLE OF INVENTION: Stress Response
FILE REFERENCE: Belist OS Na
CORRENT FILING DATE: 2002-02-19
PRIOR APPLICATION NUMBER: 05/566.394
PRIOR APPLICATION NUMBER: 06/13338
PRIOR APPLICATION NUMBER: 60/13338
PRIOR APPLICATION NUMBER: 60/133342
PRIOR APPLICATION NUMBER: 60/13342
PRIOR APPLICATION NUMBER: 60/13342
PRIOR APPLICATION NUMBER: 60/133438
PRIOR PILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/133436
PRIOR PILING DATE: 1999-05-11
PRIOR PILING DATE: 1999-06-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     71; Indels 12;
PRICK APPLICATION NUMBER: US 60/370,620
PRICK APPLICATION NUMBER: US 66/368,327
PRICK APPLICATION NUMBER: US 66/368,327
PRICK FILING DATE: 2002-03-27
PRICK APPLICATION NUMBER: US 60/325,277
PRICK APPLICATION NUMBER: US 60/325,277
NUMBER OF SEC 1001-09-26
NUMBER OF SEC 10 NOS: 782
SOFTWAKE: PATENTLIST.P1 Version 3.0.4 (C) 2001 Syngenta
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Best Local Similarity 40.0%; Pred. No. 7.9e-19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Rafalski, Antoni
APPLICANT: Mido, Guo-Hua
APPLICANT: Falco, Saverio Carl
APPLICANT: Sakai, Hajime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Famodu, Omolayo O.
Odell, Joan T.
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                                                                                                                                                                                                                                                                                           TYPE: PRT
OKGANISM: Oryza sativa
US-10-259-165-346
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SEQ ID NO 86
LENGIH: 176
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LENGTH: 176
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APPLICANT: Copper, Ret
APPLICANT: Copper, Ret
APPLICANT: Copper, Ret
APPLICANT: Classificode, Jane
APPLICANT: Katagiri, Fumiyaki
APPLICANT: Kreps, Joel
APPLICANT: Kreps, Joel
APPLICANT: Ricke, Darrell
APPLICANT: Ricke, Darrell
TITLE OF INVENTION GENES THAT ARE MODULATED BY POSTTRANSCRIPTIONAL GENE SILENCING
CURRENT APPLICANTION NUMBER: US/10/259,165
CURRENT FILING DATE: 2002-09-26
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APPLICANT: Noughamer, Todd
APPLICANT: Provart, Nicholas
APPLICANT: Ricke, Darrell
IIILE OF INVENTION: GENES THAT ARE MODULATED BY POSTTRANSCRIPTIONAL GENE SILENCINS
FILE REPERENCE: 70030-NP
FILE REPERENCE: 20030-NP
CURRENT APPLICATION NUMBER: US 60/10/259,165
CURRENT APPLICATION NUMBER: US 60/370.620
PRIOR APPLICATION NUMBER: US 60/370.620
PRIOR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2002-03-27
PRIOR FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 782
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26.5%; Score 287; DB 12: Length 176;
Best Local Similarity 40.0%; Pred. No. 7.9e-19;
Matches 76; Conscrvative 22; Mismatches 71; Indels 1
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Publication No. US20030135888A1
GENERAL INFORMATION:
                                                        Sequence 86, Application US/10259165
Publication No. US20030135888A1
GENERAL INFORMATION:
APPLICANT: Zhu, Tong
APPLICANT: Wang, Xun
APPLICANT: Chang, Hur-song
                                                                                                                                                                                                                                  Briggs, Steven P.
Gooper, Bret
Glazebrook, Jane
Goff, Stephen A.
Katagiri, Fumiyaki
Kreps, Joel
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APPLICANI: Wang, Xun
APPLICANI: Chang, Hur-song
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US-10-259-165-86
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Sequence 100, Application US/10078929
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APPLICANT:
APPLICANT:
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APPLICANT: Glazebrook, Jane
APPLICANT: Glazebrook, Jane
APPLICANT: Glazebrook, Jane
APPLICANT: Rategiri, Fumiyaki
APPLICANT: Kategiri, Fumiyaki
APPLICANT: Kategiri, Fumiyaki
APPLICANT: Ricke, Janitali
APPLICANT: Provart, Nicholas
APPLICANT: Ricke, Darrell
APPLICANT: Ricke, Darrell
APPLICANT: NUMBER: US 60/30,165
CURRENT FILMG DATE: 2002-04-04
PRIOR FILMG DATE: 2002-04-04
PRIOR FILMG DATE: 2002-04-04
PRIOR APPLICATION NUMBER: US 60/326,27
PRIOR FILMG DATE: 2003-03-27
PRIOR FILMG DATE: 2001-09-26
PRIOR FILMG DATE: 2001-09-26
PRIOR FILMG DATE: 2001-09-26
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                                                                                                                                                                                                                                                                                                                             2 APSKVSLAAVL----AVAISLAMAATTITSAQNTPQDYVNLHNSARRADGVGPVSWDPKV 57
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                                                                                                                                                                                                                                                           33 APAPTHGARVIMPGGAGAVTKAQQGGTGSGSNATADEYLAPHNQARAAVGVAPLRWNAGL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         151 NTCAAGRQCGTYTQVVWRNTAEVGCAQASCAT--GATLTLCL/YNPHGNVQGQSPY 203
                                                                                                                                                                                      71; indels 12:
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40.0%, Pred. No. 1.4e-18;
tive 22; Mismatches 71; Indels 1
                                                                                                                Length 176;
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                                                                                                            Query Match 26.5%; Score 287; DB 14; Best Local Similarity 40.0%; Pred. No. 7.9e-19; Matches 70; Conservative 22; Mismatches 71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 174, Application US/10259165 Publication No. US20036135888A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Zhu, Tong
APPLICANT: Wand, Xun
APPLICANT: Chang, Hur-song
APPLICANT: Briggs, Steven P.
APPLICANT: Cooper, Bret
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US-10-259-165-174
: ORGANISM: Cryza sativa
US-10-078-929-86
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Best Local Similarity
Matches 70: Conserv
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RESULT 14

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75 NOARAAVGVAPLEWNAGLASAAAGTVAQORROGGCAF----ADVGASPYGANOGWASYRA 136
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15 APMATACLIJATLIJALCAAPAPTHGARVIMPGGAGAVTKAQQGGTGSGSNATADEYLAPH 74
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                                                                                                                                                                                                                                                                 APPLICANT: Thorpe, Catherine
APPLICANT: Wash, 2ude
TITLE OF INVENTION: Nucleic Acid Fragments Encoding Proteins Involved in:
TITLE OF INVENTION: Stress Response
FILE REFERENCE: BB1357 US NA
CURRENT REPLICATION NUMBER: 35/10/078,929
CURRENT FILING DATE: 2002-02-19
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APPLICANT: Spangfort, Michael Dho
TITLE OF INVENTION: RECOMBINANI HYBRID ALLERGEN CONSTRUCTS WITH REDUCED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 14; Length 167;
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25.9%; Score 280.5; DB
Best Local Similarity 35.7%; Pred. No. 3e-18;
Matches 70; Conservative 26; Mismatches (
                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURREN FILLING DATE: 2002-02-19
PRIOR FILLING DATE: 2000-05-05
PRIOR FILING DATE: 2000-05-05
PRIOR PEDFICATION NUMBER: 60/133038
PETOR FILING DATE: 1999-06-07
PRIOR APPLICATION NUMBER: 60/133042
PRIOR APPLICATION NUMBER: 60/133427
PRIOR APPLICATION NUMBER: 60/133437
PRIOR APPLICATION NUMBER: 60/133437
PRIOR APPLICATION NUMBER: 60/133438
PRIOR APPLICATION NUMBER: 60/133438
PRIOR APPLICATION NUMBER: 60/133438
PRIOR PILING DATE: 1999-05-11
PRIOR APPLICATION NUMBER: 60/133438
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PRIOR APPLICATION NUMBER: 60/133438
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PRIOR APPLICATION NUMBER: 60/133438
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: Publication No. US2033039560Ai
: GENERAL INFORMATION:
                                                                                           Miao, Guo-Hua
Falco, Saverio Carl
Sakai, Hajime
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Publication No. US20020152497a1
GENERAL INFORMATION:
                                                                                                                                                                             Famodu, Omolayo O.
Odell, Joan T.
Meyers, Blake
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SEQ ID NO 100
LENGTH: 167
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                                                           APPLICANT: Rafalski, Antoni
APPLICANT: Miao, Guo-Hua
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TITLE OF INVENTION: ALLERGENICITY THAI RETAIN INMUNOGENICITY OF THE NAIURAL ALLERGENICITY OF THE NAIDRAND NAMBER: US/10/091,135
CURRENT PAILUR DATE: 2002-03-04
PRIOR PAPLICATION NUMBER: US/66/272,818
PRIOR PAPLICATION NUMBER: US/66/272,818
SOTTONO 83
LEWITH: 136
LEWITH: 136
LEWITH: 136
LEWITH: 136
LEWITH: 138
CORGANISM: Lycopersicon esculentum
US-10-091-135-83
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                                                                                                                                                                                                                                                                                                                                    Query Match 24.6%; Score 267; DB 15; Length 136;
Best Local Similarity 44.2%; Pred. No. 4.1e-17;
Matches 61; Conservative 13; Mismatches 54; Indels 16; Gaps
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Job time : 50 secs
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Sequence 13, Appl
Sequence 102, App
                                                                              (without alignments) 318.115 Million cell updates/sec
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Sequence 45, Al
Sequence 101, Sequence 5, Apl
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Sequence 45, 1
Sequence 45, 1
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Sequence 45,
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i Mahsrshhhllllepapmata......atlilclynphgnvqqqspy 203
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2: /cqn2_6/ptodata/2/iaa/5B_CCMB.pcp:*
3: /cqn2_6/ptodata/2/iaa/6A_CCMB.pep:*
4: /cqn2_6/ptodata/2/iaa/6B_CCMB.pep:*
5: /cqn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cqn2_6/ptodata/2/iaa/pcatus_comB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-07-857-2248-102
US-07-857-2248-106
US-07-857-2248-106
US-08-181-21A-45
US-08-449-315-45
US-08-449-315-45
US-08-455-416-45
US-08-455-416-45
US-08-455-416-45
US-08-455-736-45
US-08-173-368-6
US-08-1857-2248-99
US-08-181-21A-46
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Listing first 45 summaries
                                                                   October 17, 2003, 12:48:51
                                             protein search, using sw mode
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Gapop 10.0 , Gapext 0.5
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seq length: 2000000000
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Sequence 46,
Sequence 46,
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Sequence 107,
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Patent No. 5958784
GENERAL INFORMATION:
APPLICANT: Benner, Steven A.
IITLE OF INVENTION: Predicting Foided Structures of Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 163;
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GENERAL INFORMATION:
APPLICANT: Cranc, Virginia
::TLE OF INVENTION: Family OF Maize PR-1 Genes And Promoters
ELLE REPERENCE: 5718-32, 035718/175219
CURRENT APPLICATION NUMBER: US/09/257,583A
CURRENT FILING DATE: 1999-02-25
NUMBER OF SEO ID NOS: 37
SOFTWARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61;
US-05-449-315-46
US-08-444-503-45
US-08-456-265A-46
US-08-455-244-46
US-08-455-244-46
US-08-457-244-46
US-08-457-244-46
US-08-457-244-46
US-08-457-244-46
US-08-457-244-46
US-08-455-262-46
US-08-455-262-46
US-08-455-262-46
US-08-455-263-46
US-08-577-248-103
US-07-857-224B-103
US-07-857-224B-103
US-07-857-224B-103
US-07-857-224B-103
US-07-857-224B-103
US-07-857-224B-103
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                                                                                                                                                                                                                                                                                                                                                                                                                                ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/09257563A Patent No. 6429362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Steven A. Henner
STREUT: Hadlaubstrasse 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   30.5%
Bost Local Similarity 39.6%
Matches 73; Conservative
    197 VQGQSPY 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Zea mays
09-257-583-13
    RESULT 2
US-07-857-224B-102
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    SEO ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRI
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      220000000000000444444
85000000000000444444
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AUTHORS: Cutt, J. R.
AUTHORS: Dixon, D. C.
AUTHORS: Carr, J. P.
AUTHORS: Klassig, D. F.
TITLE: Isolation and nucleotide sequence of cDNA clones for the
TITLE: pathogenesis related proteins of Nicotiniana tabacum induced by T.M.
TITLE: infection.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                63 SNATADEYLAPHNQARAAVGVAPLRWNAGLASAAAGTVAQQRRQGGCAFADVGASPYGAN 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        123 QGW--ASYRARPAEVVALWVAEGRYYTHANNTCAAGROCGIYTOVVWRNTAEVGCAGASC 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  58 IFWGSAGFDWRAVDAVRSWVDEKQWYNYATNSCAAGKVCGHYTQVVWRATISIGCARVVC 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SS-07-857-2248-100
Sequence 100, Application US/07857224B
Patent No. 5898784
CENERAL INFORMATION:
APPLICANT: Benner, Steven A.
TITLE OF INVENTION: Predicting Folded Structures of Proteins NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    27.6%; Score 299; DB 2; Lenyth 141; 42.4%; Pred. No. 1.2e-23; tive 16; Mismatches 6i; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       \epsilon_{Y}: \mbox{Switzerland} (note: this is an international post code) CH-9092
                ZIP: (note: this is an international post code) CH-8092 COMPUTER READABLE FORM: MEDIOM TYPE: 3.5 inch diskette, 1.4 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
DESCRIPTION: protein
CRISINAL SOURCE:
ORGANISM: maize
FEATURE: Pathogenesis related protein; Table 16 ROW 8
PUBLICATION INFORMATION:
AUTHORS:
                                                                                  COMPUTER: Apple Machicosh
OPERATING SYSTEM: Macintosh 7.0
SOSTWARE: Microsoft Word
CURRENT APPLICATION DATA:
FILING DATE: 03/25/92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    181 ATG-ATLTLCLYNPHGNVOGQSPY 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 03/25/92
CLASSIFICATION: 436
PRICE APPLICATION DATA: none
TELECHMUNICATION INCRMATION:
TELEPHONE: (International) 41: 53
TELEFAX: (International) 41: 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Nucleic Acids Research
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STREET: Hadiaubstrasse 151
CITY: Zurich
STATE: none
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 27.6%,
Best Local Similarity 42.4%,
Matches 61; Conservative
                                                                                                                                                                                                                                                                                                                                          TELEX: none
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
  Switzerland
                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CCUNTRY: Swit
ZIP: Pro-
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AUTHORS: Lary J. D. C.
AUTHORS: Carr, J. P.
AUTHORS: Klessig, D. F.
TITLE: Isolation and nucleotide sequence of cDNA clones for the
TITLE: pathogenesis related proteins of Nicotiniana tabacum induced by TMV
TITLE: infection.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              69 EYLAPHNOARAAVGVAPILRWNAGLASAAAGTVAQQRRQGGCAFADVGA----SPYGAN-- 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        123 OGWASYRARPAEVVALWVAEGRYYTHANNTCAAGROCGTYTOVVWRNTAEVGCAQASCAT 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 104, Application US/07857224B
Patent No. 5958784
GENERAL INFORMATION:
APPLICANT: Benner, Steven A.
TITLE OF INVENTION: Predicting Folded Structures of Proteins NUMBER OF SEQUENCES: 114
CORRESPONDENCE ABDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     27.5%; Score 303; DB 2; Length 139; 46.1%; Pred. No. 4.4e-24; tive 15; Mismatches 47; Indels
                                                               ZIP: (note: this is an international post code) CH-8092 COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 (not diskette, 1.4 Mb storage COMPUTER: Applic MacIntosh OPERATING SYSTEM: MacIntosh 7.0 SOFTWARE: Microsoft World CURRENT APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: 15/17/857,2248 FILING DATE: 03/25/92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: tobacco
FEATURE: Pathogenesis related protein; Table 16 ROW 6
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                   CLASSIPICATION: 436
PRIOR APPLICATION DATA: none
TELECOMUNICATION INFORMATION:
TELEPHONE: (International) 41 1 532 2830
TELEFAX: (International) 41 1 262 2437
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STREET: Hadlaubstrasse 151
CITY: Zurich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                        TELEX: none
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
DESCRIPTION: protein
ORIGINAL SOURCE:
                                              Switzerland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 65, Conserve
Zurich
                          none
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US-07-857-224B-104
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                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  JOURNAL:
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P ò q õ qq

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APPLICANT: Ward, Eric R.
APPLICANT: Wald, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGCLATABLE AND ANTI-PATHOGENIC PITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                        COMPUTER: TBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25
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REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 67/325,018
FILING DATE: 24 MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
                                                                                                                                                  ADDRESSEE: CIBA-GEICY Corporation
STREET: 7 Skyline Drive
STYT: Hawthorne
STAIE: New York
COUNTRY: USA
   Sperison, Christoph
                   Stinson, Jeffrey R.
Uknes, Scott J.
Ward, Eric R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 7.SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IS 07
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                             Floppy disk
                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                   ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                            AUTHORS: Cutt, J. R.
AUTHORS: Carr, J. D. C.
AUTHORS: Carr, J. P.
AUTHORS: Klessig, D. F.
AUTHORS: Klessig, D. F.
TITLE: Isolation and nucleotide sequence of CDNA clones for the
TITLE: pathogenesis related proteins of Nicotiniana tabacum induced by TNV
TITLE: infection.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      69 EYLAPHNQARAAVGVAPLHWNAGLASAAAGTVAQORROGGCAFADVGA----SPYGANUG 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        125 WASYR-ARPAEVVALMVAEGRYYTHANNTCAAGROCGTYTQVVWRNTAEVGCAQASCATG
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                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: tobacco FEATURE: Pathogenesis related protein; Table 16 Now 4 PUBLICATION INFORMATION:
                MEDIUM TYPE: 3.5 inch diskette, 1.4 Mb storage COMPUTER: Apple MacIntosh OPERATING SYSTEM: MacIntosh 7.0
                                                           SOFTWARE: Microsoft World CURENT APPLICATION DATA:
APPLICATION NUMBER: US/07/857,224B
FILING DAIE: 03/25/92
CLASSIFICATION A746
PRIOR APPLICATION PARE: nome
TELECOMMUNICATION INFORMATION:
TELEPHONE: (International) 41 1 532 283C
TELEPHAX: (International) 41 1 252 2437
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Goodman, Robert M.
Harms, Christian
Meins, Jr., Frederick
Montoya, Alice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JOURNAL: Nucleic Acids Research
VOLUME: 15
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US-08-181-271A-45
Sequence 45, Application US/08181271A
; Parcat No. 5614395
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander. Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Moyer, Mary B.
Neuhaus, Jean-Marc
Payne, George B.
                                                                                                                                                                                                                       TELEX: none
INFORMATION FOR SEG ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                               ORIGINAL SOURCE:
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                           amino acid
                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; PAGES: 9861
; DATE: 1988
US-C7-857-224H-10C
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APPLICANT:
APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                         LENGIH:
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REGISTRATION NUMBER: 36,
                    16-JUL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 168 amino acids
amino acid
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 168 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    69; Conservative
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APPLICATION NUMBER: U
FILING DATE: 20-OCT :
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                  FILING DATE: 16-JUL-)
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
Matches 69; Conserv
                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE IYPE:
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                                                                                                                                                                                                                                                                                 82 GVAPLRWNAGLASAAAGTVAQQRRQGGCAFADVGA----SPYGAN--QGWASYRARPAEV 135
                                                                                                                                                                                                                                                                                                                                                      136 VALWVAEGRYYTHANNTCAAGRUCGTYTQVVWRNTAEVGCAQASCATGATLTLCLYNPHG 195
                                                                                                                                                                                                                                                  13 I.I.VSTLILFI.V1 --- SHSCR----- AQNSQQ---- ------ DYLDAHNTARADV 48
                                                                                                                                                                                                                22 LLLATLLALCAAPAPTHGARVI,MPGGAGAVTKAQQGGTGSGSNATADEYLAPHNQARAAV 81
                                                                                                                                                                                                                                                                                                                     49 GVEPLTWDDQVAAYAQNYASQ-----LAADCNLVHSHGQYGENLAEGSGDFMI-AAKA
                                                                                                                                                                                                                                                                                                                                                                           38; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Williams, Shericca C. FEGULATABLE AND ANTI-PATHOGENIC FENTION: DNA SEQUENCES AND USES THEREOF
                                                                                                                                             Length 168;
                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,315
FILLING DATE: 24 MAY-1995
CLASSIFICATION: 900
                                                                                                                                         Query Match 26.4%; Score 286; 5B 1; L. Best Local Similarity 36.7%; Pred. No. 3.4e-22; Matches 69; Conservative 22; Xismatches 59;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Friedrich, Leslie B. Goodman, Robert M. Harns, Christian Menns, Jr. Frederick Montoya, Alice Moyer, Mary B. Neuhaus, Jean-Marc Payne, George B. Sperison, Christoph Stinson, Jeffrey R. Uknos, Scott J. Ward, Eric R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC COMPALIS.e
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 45, Application US/08449315
Patent No. 5650505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ryals, John A.
Alexander, Danny C.
Beck, James J.
Duesing, John H.
INFORMATION FOR SEQ 1D NO: 45:
                               LENGTH: 168 amino acids

: TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-181-271A-45
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                  SEQUENCE CHARACTERISTICS:
LENGIH: 168 amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                           196 NVQGQSPY 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New York
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: US
ZIP: 10532
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANI:
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APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
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82 GVAPLRWNAGLASAAAGTVAQQRRQGGCAFADVGA----SPYGAN--QGWASYRARPAEV 135
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             136 VALWVAEGRYYTHANNTCAAGROCGTYTGVVWRNTAEVGCAQASCATGATLTLCLYNPHG 195
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
IELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PROD APPLICATION DATA:
PROD APPLICATION DATA:
PRICH APPLICATION NUMBER: US C7/68,122
FILING DATE: 27-SEP-199:
PRICH APPLICATION DATA:
APPLICATION NUMBER: US C7/58C,431
FILING DATE: 7-SEP-1990
PRICH APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING APPLICATION NUMBER: US 07/329,018
FILING APPLICATION NUMBER: US 08/045,957
APPLICATION NUMBER: US 07/937,197
FILNG DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-199:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DAIE: 6.FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 37/165,667
FILING DAIE: 8-MAR-1968
                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       UMBER: US 07/425,504
20-0CI 1989
                                                                                                                                                                                APPLICATION NUMBER: US 07/305,566 FILING DATE: 6-FEB-1989
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6-APR-1993
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Parent As 193-45

US-08-444-903-45

US-08-444-903-45

US-08-444-903-45

Parent No. 5564414

APPLICANT Repair to hoh A. APPLICATION: APPLICANT DECK. James J. APPLICANT MODERNY APICANT APICANT APICANT APICANT APICANT APICANT APICANT APICANT APICA
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62 GVAPLRWNAGLASAAAGTVAQQRRQGGCAFADVGA----SPYGAN---QGWASYRARPAEV 135
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13 LLVSTLLLETAVI---SHSCR-----AQNSQQ-------DYIDAENTARADV 48
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                       PRIOR APPLICATION TAIR:

PRIOR APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1931
PRICK APPLICATION DATA:

APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION NUMBER: US 07/329,C18
FILING DATE: US 08/045,957
FILING DATE: 12-APR-1949
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INPORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REGISTRATION NUMBER: 36,129
REGISTRATION NUMBER: 36,129
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NU
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Patent No. 568904
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Priedrich, Loslic B.
APPLICANT: Goodman, Robert M.
APPLICANT: Goodman, Robert M.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Montoya, Jr., Frederick
APPLICANT: Montoya, Alice
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Neublaus, Jean-Marc
Payne, George B.
Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
6-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    : 168 amino acids
amino acid
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TOPOLGRY: linear
NOLECULE TYPE: procein
US-09-444-803-45
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|61 NYRGESPY 168
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FILING DATE:
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US-08-449-043-45
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APPLICANT:
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Williams, Shericca C.
VENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
VENTION: DAN SEQUENCES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Rolease #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/C8/449,C43 FILING DATE: 24 MAY-1995 CLASSFICATION: 4 PMY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFRENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMKUNICATION INFORMATION:
TELEPHONE: (919)541-8614
                  TITLE OF INVENTION: CHEMICALLY RECULARY
TITLE OF INVENTION: DAM SEQUENCES AND
UNDRESS OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
SIREET: 7 Skyline Drive
CITY: Healthorne
SIATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 67/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 800
PRIOR APPLICATION ONTA:
APPLICATION NUMBER: 05/18;,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US C8/291,301
FILING DATE: 16-JUL-1593
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/848,506 FILING DATE: 6-MAR-1952 PRICR APPLICATION NUMBER: US 07/768,122 FILING DATE: 27.5EP-1991 PRICR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                UMBER: US 07/368,672
20-JUN-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 07/329.018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JABER: US 08/045,957
12-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 07/937,197
FILING DAIE: 6-NOV-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 07/678,378 FILING DATE: 1-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/632,44;
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-0CT 1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 67/580,431, FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                   PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                      1: Floppy disk
IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          36,129
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                       ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILLING DATE: 20-JUN-
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM:
                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                                         COMPUTER:
    APPLICANT:
                                                                                                                                                                                                       COUNTRY:
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49 GVEPLTWDDQVAAXAQNYASQ~~~~-LAADCNLVHSHGQYGENLAEGSGDFMT-AAKA 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            101 VEMWVDEKQYYDHDSNICAQGGVCGHYTOVVWRNSVRVGCARVQCNNGGYVVSCNYDPPG 160
                                                                                                                                                                                                                                                                                                                                                                     82 GVAPLRWNAGLASAAAGTVAQQRRQGGCAFADVGA----SPYGAN--QGWASYRARPAEV :35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          136 VALWVAEGRYYTHANNTCAAGROCGTYTOVVWRNTAEVOCAOASCATGATLTLCLYNPHG 195
                                                                                                                                                                                                                                                                                                            13 LLVSTLLIFLV:---SHSCR-------AGNSQQ---- -----DYLDAHNTARADV 48
                                                                                                                                                                                                                                                          22 LILATLIALCAAPAPTHGARVLMPGGAQTKAQOGGTGSGSNATADEYLAPHNQARAAV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Alexander, Danny C.
APPLICANT: Ryals, John A.
APPLICANT: Ryals, John A.
APPLICANT: Stinson, Webert M.
APPLICANT: Stinson, Jeffrey R.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF CORRESPONDENCE ADDRESS:
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                                                                                                                                                     Guery Match 26.4%; Score 286; US 1; Length 168; Best Local Similarity 36.7%; Pred. No. 3.4e-22, Matches 59; Conservative 22; Mismatches 59; Indels ...
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COMPUTER READBLE FORM:
MEDIUM TYPE: Flopy disk
COMFUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PARENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,265a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: CIBA-GEIGY Corporation
STREET: 520 White Plains Road, P.O. Box 2005
CITY: Tarrytown
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     31-MAY-95
31-MAY-95
30-MAY-95
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CLASSIFICATION: 435
PRIDR APPLICATION DATA:
APPLICATION NUMBER: US 06/181,271
FILING DATE: 13-JAN-1994
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FILING DATE: 16-UCL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
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FILMS DATE: 6-PEB-1989
PRICR REPLICATION DATE:
APPLICATION NUMBER: US 07/165,667
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FILING DATE: 8-MAR-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-456-265A-45
. Sequence 45. Application US/06496265A
. Pattent No. 5767369
. GENERAL INFORMATION:
168 amino acids
                      TYPE: amino acid
TOPCLOGY: linear
MOLECULE IYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
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|51 NYRGESPY 168
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                                                                                                  US-08-449-043-45
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LENGIH:
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APPLICANT: Uknes, Scott J.
APPLICANT: Ward Eric K.
APPLICANT: Wald Eric K.
APPLICANT: Wald Eric K.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGEN: TITLE OF INVENTION: DNA SEQUENCES. AND USES THEREOF
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIRA-GETGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 38/181,271
FILING DATE: 13-JAN-54
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
HRIOR APPLICATION DATE: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATE: APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
APPLICATION NUMBER: US 07/678,378
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PRIOR DATE:

FILING DATE:

FRIDK APPLICATION DATA.

PRIOR APPLICATION DATA.

PRIOR APPLICATION DATA.

PRIOR DATE:

FILING DATE:

FRIDK DATE:

FRIDK APPLICATION DATA.

APPLICATION NUMBER:

FILING DATE:

FRIDK APPLICATION DATA.

APPLICATION NUMBER:

FRIDK APPLICATION DATA.

APPLICATION NUMBER:

REGISTANTON NUMBER:

FRIDK APPLICATION DATA.

APPLICATION DATA.
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FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/768.122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 7-SEP-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SUPIWARE, CLUMBER CURVERN APPLICATION DATA:
APPLICATION NUMBER: US/08/455,415
FILLING DATE: 31-MAY-1995
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 07/848,506 FILING DATE: 6-MAR-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             JMBER: US 07/425,504
20-OCT 1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MENJUM TYPE: Floppy disk COMPJTER: IBM PC compatible OFERATING SYSTEM: PC-DOS/MS-DOS SOSTWARE: Patentin Policy
                              Harms, Christian
Meins, Jr., Frederick
Montaya, Alice
                                                                                                                                                                               Sperison, Christoph
Stinson, Jeffrey R.
                                                                                                          Moyor, Mary B.
Neuhaus, Jean-Marc
Payne, George B.
                 Goodman, Robert M.
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CCUNTRY: USA
21P: 10532
COMPUTER READABLE FORM:
MHDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: New York
                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                          APPLICANT:
APPLICANT:
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      49 GVEPLIWDDQVAAYAQNYASQ-----LAAUCNLVHSHGQYGENLAEGSGHHMT-AAKA 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22 LILATLLALCAAPAPTHGARVI,MPGGAGAVIKAQQGGGGSGSNAIAJEY,APHNQARAAV 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13 LLVSTLLLETVI---SHSCR-----AQNSQO------DYLDARNTARADV 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels 38; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    22; Mismatches
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 68/042,847
FILING SAME: 6-APPLICATION DAIA:
PRIOR APPLICATION DAIA:
APPLICATION DAIA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DAIA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
FILING DATE: 27-SEP-1991
FILING DATE: 27-SEP-1991
FILING DATE: 27-SEP-1990
FILING DATE: 20-SEP-1990
FILING DATE: 20-SEP-1990
FILING DATE: 20-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-SEP-1990
FILING DATE: 20-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING SATE: 24-MAR-1989
PRIOR APPLICATION WUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORREZ YGGENT INFORMATION:
NAME: MAGICS: I TIMOTON
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Patent No. 5777200
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Priedfich, Leslic B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 168 amine 168.
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REFERENCE/DOCKET NUMBER: S-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Meigs, J. Timothy REGISTRATION NUMBER: 38
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amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  69; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         / TOPCLOGY: linear
/ MOLECCLE TYPE: protein
US-08-456-265A-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   161 NYRGESPY 168
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Best Local Similarity
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US-08-455-416-45
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             101 VEMWVDEKQYYDHOSNICAGGQVGGHYIQVVWRNSVRVGCARVQCNNGGYVSGUNDPPG 160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              49 GVEPLTWDDQVAAYAQNYASQ-----IAADCNLVHSHGQYGENLAEGSGUFWT-AAKA 100
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                                                                                                                                                                                                                                                                                                                                                                                                                           22 LILATLIALGAAPAPHGARVIMPGGAGAVIKAQQGGTGSGSNATADEYLAPHNQARAAV 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                           13 LLVSTLLLFLVI---SHSCR-----AQNSQQ-----DYLDAHNIARADV 48
                                                                                                                                                                                                                                                                                                                                                                                      Indels 38; Gaps
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IITLE OF INVENTION: CHEMICALLY REGULARABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREDE
NUMBER OF SEQUENCES: 106
                                                                                                                                                                                                                                                                                                                                            26.4%; Score 286; DR 1; Longth 168; 36.7%; Pred. No. 3.4e-22; Live 22; Mismatches 59; Indels
                                                      REFERENCE/DOCKET NUMBER: 36.129
REFERENCE/DOCKET NUMBER: 3-19625/F1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
INFORMATION FOR SEG 1D No: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 169 amino acids
TOPD://orw.
APPLICATION NUMBER: US 06/045,957
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Dueshng, John H.
Friedrich, Leslic B.
Goodman, Robert M.
Harms, Christian
Meins, Jr. Frederick
Montoya, Alice
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US-08-455-244-45
US-08-455-244-45
Sequence 45, Application US/08455244
Patent No. 578924
Patent No. 578924
GENERAL INFORMATION:
APPLICANI: Ryals, John A.
APPLICANI: Ryals, John A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Neuhaus, Jean-Marc
Payne, George B.
Sperison, Christoph
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Uknes, Scott J.
Ward, Eric R.
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Alexander, Danny C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                   FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7 Skyline Drive
                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 36.7%
Matches 69; Conservative
                                                                                                                                                                                                                                                   // TOPOJOGY: linear
// MOLECULE TYPE: protel::
US-08-455-416-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
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| 51 NYRGESPY 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     196 NVQCQSPY 203
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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APPLICANT:
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APPLICANT:
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22 LLIATLIALCAAPAPTHGARVIMPGGAGAVTKAQQGGTGSGSNATADEYLAPHNQARAAV 81
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OPERATING SYSTEM: PC-DOS/MS-190S
SOFTWARE PatentIn Release #1.0. Version #1.25
GURRALT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                 APPLICATION DATA:
FRIGHT APPLICATION DATA:
PRIOR APPLICATION NUMBER: CS 07/937,197
FILING DATE: 6.NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
APPLICATION NUMBER: US 07/678,378
APPLICATION NUMBER: US 07/678,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FALON ASPLICATION DATE: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATE: US 07/845,506
FILING DATE: 6-MAR-1962
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-58P-1991
PRIOR APPLICATION NUMBER: US 07/586,431
APPLICATION NUMBER: US 07/586,431
FILING DATE: 7-58P-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1-APR-1931
PRICK APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNBER: US 07/305,566
PRICK APPLICATION DAIA:
APPLICATION NUMBER: US 07/165,667
FRICK APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FYLING DATE: 6-APR-1933
PRICK APPLICATION NUMBER: US 08/042,847
FYLING DATE: 6-APR-1933
PRICK APPLICATION NUMBER: US 08/042,847
APPLICATION NUMBER: US 08/042,847
APPLICATION NUMBER: US 07/632,441
                                                                        CLASSIFICATION: 05/08/455.244
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 68/181,271
FILING DATE: 13-CAM-94
APPLICATION NUMBER: US 08/093,361
FILING DATE: 16-JUL-1593
PRIOR APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ...ING DATE: US 07/368,672
PRIOR APPLICATION DATA:
APPLICATION NIME...
FILTM
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FILING DATE: 24 MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: i.2-APR-1993
AITCENEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JMBER: US 07/632,441
21-DEC-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 45:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    158 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
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US-08-455-244-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
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49 GVEPLIWDDOVAAYAONYASQ----- LAADONLVHSHSÇYGENLAEGSGDFMI-AAKA 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 82 GVAPLRWNAGLASAAAGTVAQQRRQGGAFADVGA----SPYGAN--OGKASYRARPAEV 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          136 VALWVAEGRYYTHANNTCAAGROGGTYTOVVWRNTAEVGGROASGATGATLTLGLYNPHG 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22 ILLATELBA GAAPAFTHGARVEMPGGAGAVTKAQQGGTGSGSNATADEYLAPHNQARAAV 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13 LLVSTLLIFLVI...SHSCR...-ACNSQO.....BYLDAHNTARADV 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  26.4%; Score 286; DB 1; Length 168; 36.7%; Pred. No. 3.4e.22;
Live 22; Mismatches 59; Tidels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       36,129
R: S-19825/P1/CGC:727
                                           APPLICATION NUMBER: US 07/632,441
PILOR APPLICATION NUMBER: US 07/632,441
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,564
FILING DATE: 20-0007 1999
PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION NUMBER: US 07/768,122
APPLICATION NUMBER: US 07/768,122
                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SFP-1990
PRIOR APPLICATION NUMBER: US 07/368,672
APPLICATION NUMBER: US 07/368,672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 45, Application US/08457364
Patent No. 5847258
GENERAL INPORMATION:
APPLICANT: Revals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Bock, James J.
APPLICANT: Bresing, John H.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Elmer, James Scott
RESTRATION NUMBER: 36.129
REFERENCE/DOCKET NUMBER: 8.15
TELECOMMUNICATION INFORMATION:
TELEFONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ 12 NO: 45:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
         FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 26.4% Best Local Similarity 36.7% Matches 69, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     168 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                / MCLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16; NYRGESPY 168
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                             82 GVAPLRWNAGLASAAAGIVAVQRKQGGCAFADVGA----SPYGAN--QGWASYRARPASV 135
                                                                                        136 VALMVAEGRYYTHANNICAAGRQCGIYIQVVWRNTARVGCAQASCAIGAIIILCIYNPHG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: TBW PC COMPALIDED
OPERATE: TBW PC COMPALIDED
OPERATE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/09/454,376
FILLING DATE: 31-MAX-1995
CLASSIFICATION: 435
PRICK APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILLING DATE: 13-JAN-94
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APPLICATION NUMBER: US 08/093.301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,376
FILING DATE: 1-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: CS 07/165,667 FILING DATE: 8-MAR-1988 PRIOR APPLICATION DATE: 8-MAR-1988 APPLICATION NUMBER: US 08/042,847
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : CIBA-GEIGY Corporation 7 Skyline Drive
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6-FEB-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Friedrich, Leslie B.
Goodman, Robert M.
Harms, Christian
Meins, Jr., Frederick
Montoya, Alice
                                                                                                                                                                                                                                                                                                                            ; Sequence 45, Application US/08454876; Patent No. 5804693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Moyor, Mary B.
Neuhaus, Joan-Marc
Payne, George B.
Sterison, Christoph
Strinson, Jeffrey R.
Uknes, Scott J.
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Alexander, Danny C.
Bcck, James J.
Duesing, John H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM IYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                             196 NVQGQSPY 203
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US-08-454-875-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
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38; Gaps

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APPLICANT: Moyer, Mary B.
APPLICANT: Mediaus, Jean-Marc
APPLICANT: Mediaus, Jean-Marc
APPLICANT: Payne, George
APPLICANT: Sperison, Christoph
APPLICANT: Stonson, Jeffrey R.
APPLICANT: Unses, Scott C.
APPLICANT: Ward, Eric R.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANI:-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALID.C
COMPUTER: IBM PC COMPALID.C
COMPUTER: Datchill Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION WHER: US/C8/457,364
FILING DATE: 3: MAY-1995
CLASSIFICATION: 800
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PRIOR APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1986
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 20-OCT 1989
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 0-MAR-1992
APPLICATION NUMBER: US 07/848,506
FILING DATE: 0-MAR-1992
APPLICATION NUMBER: US 07/768,122
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PHIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: C8/181,271
FILING DATE: 13-7AN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-0UL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/537,197
PHIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APPR-1991
PRIOR APPLICATION DATA:
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Meins, Jr., Frederick
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               7 Skyline Drive
                                                    Montoya, Alice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         New York
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APPLICANT;
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49 GVEPLIWDDQVAAYAQNYASO-----LAADONLVESHGOYGENLAEGSSDFMI-AAKA 100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     136 VALWVAEGRYYTHANNTCAAGROCCTYTQVVWRNTAEVGCAQASCATGATLTLCLYNPHG 195
                                                                                                                                                                                                                                                                                                                                        22 ILLATILLALCAAPAPTHGARVIMPGGAGAVTKAQQGGTGSGSNATADEYSAPHNQARAAV 81
                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Williams, Shericca C. TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PAIHOGENIC TITLE OF INVENTION: DAW SEQUENCES AND USES THEREOF NUMBER OF SEQUENCES: 106
                                                                                                                                                                                                                                                                                                      38:
                                                                                                                                                                                                                                                                    Length 168;
                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
PC-DOS/MS-DOS
SCFTWARE: Patentin Release #1.0, Version #1.25
                                                     S-19825/P1/CGC 1727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Friedrich, Leslie B.
Goodman, Robert M.
Harms, Christian
Meins, Jr., Frederick
Montoya, Alice
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Patent No. 5851766
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Moyer Mary B.
Neuhaus, Jean-Marc
Payne, George B.
Sperison, Christoph
Stinson, Jeffrey R.
Uknes, Scott J.
               NAME: Elmer, James Scott
REGISTRATION UNDRER: 36.129
REFRENCE/COCKET NUMBER: 5-198
TELECHMUNICATION INFORMATION:
TELECHONE: (919)54-86.4
TELEFAX: (919)54-86.9
INFORMATION FOR SEQ ID NO: 45:
SECURNOR: CHARACTERISTICS:
LENGTH: 168 amino acids
TYPE: amino acids
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Beck, James J.
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ryals, John A.
                                                                                                                                                                                                            HCLECULE TYPE: protein
US-68-457-364-45
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: USA
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US-08-456-262-45
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APPLICANT:
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
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136 VALWVABGRYYTHANNFCAAGRQCGTYTQVVWRNTAEVGCAGASCATGATLIEGLYNPHG 135
     49 GVEPLTWDDQVAAYAQNYASG~~~~~~LAADCNLVHSHGGYGENLAEGSGDFMT-AAKA 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ward, Eric R. APPLICANT: Ward, Eric R. Trite OF INVENTION: WILL PATHOGENIC TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READBBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
COPENATING SYSTEM: PC-DOS/MS:DGS
SOFTWARE: Patentl: Roledse #1.6, Vorsion #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,240
FILING DATE: A1 PAY 1995
CLASSIFICATION: 800
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/293,301
WITING DATE: 16-JUL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APK-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OMBER: US 07/678,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRICE APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CIBA-GEIGY Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                Deck, James J.
Duesing, John H.
Friedrich, Leslie B.
Goodman, Robert M.
Harms, Christian
Meins, Jr. Frederick
Montoya, Alice
                                                                                                                                                                                                                                                    RESULT 15
US-08-456-240-45
; Sequence 45, Application US/08456240
; Sequence 15, Application US/08456240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sperison, Christoph
Stinson, Jeffrey R.
                                                                                                                                                                                                                                                                                                                                                                                  Ryals, John A.
Alexander, Danny C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Moyer, Mary B.
Neuhaus, Jean-Marc
Payne, George B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Uknes, Scott J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7 Skyline Drive
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 16-JUL-1
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
FILING DATE: 1-APR-
                                                                                                                                             196 NVQCQSPY 203
                                                                                                                                                                                          161 NYRGESPY 168
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: USA
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CITY: Hawthorne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 31
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10532
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22 LELATLIALCAAPAPTHGARVLMPGGAGAVTKAQQGGTGSGSNATADEYLAPHNQARAAV 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          26.4%; Score 286; DB 2; Length 168; 36.7%; Pred, No. 3.4e-22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFSTRENCE/DOCKET NUMBER: S-19825/F1/CGC 1727 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR MUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION NUMBER: US 07/425,504
FRICAMILON NUMBER: US 07/425,504
FRICAMILON NUMBER: US 07/425,504
FRICAMILON NUMBER: US 07/448,505
FRIDNG DATE: 6-MAR-1992
APPLICATION NUMBER: US 07/764,122
FILING DATE: 27-5EP-1991
PRIOR APPLICATION DATE: US 07/764,122
FILING DATE: 7-SEP-1990
PRIOR APPLICATION NUMBER: US 07/764,131
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATE: US 07/7580,431
FILING DATE: 20-JUN-1989
FRICAMICON NUMBER: US 07/329,019
FRICAMICON NUMBER: US 07/329,019
FRICAMICON NUMBER: US 07/329,019
FRICAMICON NUMBER: US 07/329,019
FRICAMICON NUMBER: US 08/045,957
FILING DATE: L2-APR-1993
ATTORNEY ADMILITATION NUMBER: US 08/045,957
FILING DATE: L2-APR-1993
ATTORNEY AGMINISTER OF ORDER
APPLICATION NUMBER: US 08/045,957
FILING DATE: L2-APR-1993
ATTORNEY AGMINISTER OF ORDER
APPLICATION NUMBER: US 08/045,957
FILING DATE: L2-APR-1993
                                                                                     CURSAPLICATION: 430
PRICE APPLICATION: 430
PRICE APPLICATION NUMBER: 08/131,271
FILING DATE: 13-40N-94
APPLICATION NUMBER: 08/033,301
PRICE APPLICATION NATA:
APPLICATION NATA:
APPLICATION NUMBER: US 07/937,137
PRICE APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRICE APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRICE APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRICE APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRICE APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MRR-1988
PRICE APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MRR-1988
FILING DATE: 8-MRR-1988
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,262
FILING DATE: 31-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/042,647
FILING DATE: 6-APR-1993
PRICK APPLICATION DATA:
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INFORMATION FOR SEQ ID NO: 45:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Flmer, James Scott.
REGISTRATION NUMBER: 35,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (919)541-8614
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                  FILING DATE: 31-CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MCLECULE TYPE:
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Matches
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49 GVEPLIKODOVAAYAQNYASQ------LAADGNLVHSHGQYGENLAEGSGDFMI-AAKA 100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          136 VALAVAEGRYYTHANNICAAGROCGTYTÖVVWRNIAEVGCAQASCAIGATLIIGLYNPHG 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   22 LLLATLLALCAAPAPTHGARVLMPGGAGAVTKAQOGGTSSGSNATADHYLAPHNQARAAV 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Oucry Match 26.4%; Score 286; DB 2; Length 168;
Best Local Similarity 36.7%; Pred. No. 3.4e-22;
Matches 69; Conservativo 22; Mismatches 59; indels 38; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              S-19825/P4/6GC 1727
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APPLICATION NUMBER: US 07/612,441
FILING DATE: 21-DEC-1990
PRION APPLICATION NAMER: US 07/425,504
FILING DATE: 20-CCT 1989
PRION APPLICATION UNITA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRION APPLICATION DATE:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-52P-1991
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-52P-1990
PRION APPLICATION DATE:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-UN-1989
PRION APPLICATION NUMBER: US 07/356,018
FILING DATE: 20-UN-1989
PRION APPLICATION NUMBER: US 07/355,018
FILING DATE: 24-MAR-1989
PRION APPLICATION NUMBER: US 07/355,018
FILING DATE: 12-APR-1983
ATTORICATION NUMBER: US 07/355,018
FILING DATE: 12-APR-1993
ATTORICATION NUMBER: US 07/355,018
FILING DATE: 12-APR-1993
ATTORICATION NUMBER: US 08/C45,557
FILING DATE: 12-APR-1993
ATTORICATION NUMBER: US 08/C45,557
FILING DATE: 18-PRH-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Einer, James Scott
REGISTATION UNMBER: 36,129
REPERCORPOOKET WHERE: 36,129
RELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEPHONE: (919)541-8639
INFORMATION POR SEQ ID NO: 45:
SEQUENCE GHARACTERISTICS:
LENGTH: 168 amino acids
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MOLECULE TYPE: protein

US-08-456-240-45
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|NYRGESPY 168
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